

NUMBERS & ODDITIES
a.k.a. the Spooks Newsletter
Edition # 135, December 2008

EDITOR: Ary Boender ary@luna.nl

Check for previous newsletters, info, sound samples and databases also

NUMBERS & ODDITIES <http://www.ary.luna.nl>

ONLINE DATABASE <http://www.spynumbers.com/numbersDB/>

Hi and welcome to the 135th edition of "Numbers & Oddities".

2009 is only 3 days old when I'm finishing N&O so let me begin this issue with my best wishes to all of you!!!

It has been a very turbulent year and the economic situation will probably be even worse in 2009. I know that several readers have lost their jobs. I hope that everything will turn out fine for you.

UDXF is still going strong, we now have 2134 members. Very nice :-). I would like to thank all contributors to UDXF, Spooks and N&O. Without your input N&O would not exist.

So, what will you find in this issue of N&O? Mathias Kropf supplied the annual Clandestine Survey and further you'll find the usual items plus a number of interesting unids. Any info about them is greatly appreciated. I have also included the N&O 2008 index in this issue.

Russia's naval beacon "A" has been reactivated. This happened around the same time that the Russian Northern Fleet met the Russian Mediterranean Fleet. I guess that this was the reason why the beacon was activated.

* VOICE STATIONS *

::: E03a

Still alive and kicking and heard on all schedules during December.

<<<<<<<<<-0-0-0-0-0-0-0-0-0->>>>>>>>>

4792 kHz, 2140 UTC, 3-12-2008. Logged by Mike.

6892 kHz, 2100 UTC / 5896 kHz, 2120 UTC / 4792 kHz, 2140 UTC on 10-12-2008.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

6575 kHz, 1933 UTC, 14-12: HNCZ

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

8180 kHz, 1108 UTC, 4-12-2008. Logged by Manolis.

6280 kHz, 0920 UTC and 7635 kHz, 0940 UTC on 8-12-2008. Logged by Richard.

```

274 871 30
53936 68952 32535 75161 11555 21116 51855 15195 68635 15275
34709 42852 63455 95044 04714 21498 23497 69458 55665 76163
27265 76536 39980 94144 35728 95589 49256 81754 51263 15144
871 30 00000

```

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: S11a

7798 kHz, 0915 UTC, 10-12-2008. Supplied by Mike.

223 77

91359	92264	33547	54682	13272	91840	84814	24959	05468	94353
04537	60713	98690	84167	14328	88739	01813	39055	79497	21143
79911	94854	09217	36032	71462	19798	55818	41027	31814	58340
54596	39771	45981	85452	64342	05021	60733	17433	35084	31195
96668	56008	61844	76268	90976	32896	41777	00798	04713	16799
83147	35892	72517	66442	14295	36735	86809	94484	41503	70142
56196	85695	31181	59677	56269	53044	71569	65299	90415	29693
55263	41827	95303	36695	44313	57581	33770	end		

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: V13

New Star has been reported by Tomonori. It apparently uses the higher frequencies again.

10182 kHz, 0801 UTC, 16-12-2008

13750 kHz, 0500 UTC, 16-12-2008

13750 kHz, 0515 UTC, 24-12-2008

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: V24

Tomonori also copied a number V24 transmissions:

6215 kHz,	1202 UTC,	21-12
5715 kHz,	1430 UTC,	20-12
6215 kHz,	1503 UTC,	19-12
6215 kHz,	1402 UTC,	19-12
5715 kHz,	1300 UTC,	19-12
6215 kHz,	1502 UTC,	18-12
6215 kHz,	1500 UTC,	16-12
6215 kHz,	1608 UTC,	13-12
6215 kHz,	1600 UTC,	12-12
6215 kHz,	1500 UTC,	11-12
5715 kHz,	1200 UTC,	25-12
6215 kHz,	1500 UTC,	26-12

Thanks OM.

* MORSE STATIONS *

$$\vdots \vdots \vdots \quad \text{MX}$$

European beacons:

D, P, S and C were heard on most of their usual frequencies. After a long period of silence beacon "A" finally reappeared for a couple of days on 3595.1, 4558.1, 7039.1, 8495.1 and 10872.1 kHz.

Asian Beacons:

F was active on 7039.2 kHz, K was logged on 5154.3 and 7039.3 kHz and M on 7039.4 kHz.

Channel markers:

P - 474 kHz. Defective NDB "P". It sent "PE" on 21-12.

Also on 3167, 3256, 4889.1, 4900 kHz

R - 4325.9, 5465.9 kHz.

V - 3658, 5342, 6879 kHz

<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>

::: M21

PV0 has been active on various frequencies but not as active as it was before.

Id "0": 4577, 4951.5 and 5861 kHz.

Id "8": 5873 kHz

Id "9": 6823.5 kHz

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M22

4XZ, Israeli Navy Haifa still uses 2680, 4331 and 6379 kHz for its morse transmissions. Heard throughout December.

<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>

::: M41

4484.5 kHz, 01-12: XL1A XL1A wzd 7221949579 ... k

4484.5 kHz, 01-12: NOFJ NOFJ wzd 722194950 ... k

4055.0 kHz, 17-12: 5EQB

M41 and M21 were active at the same time on 1 Dec.

::: M89

<<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M42 & X06

9138.0	0840	30-12	Russian Intelligence. Auto broadcasting 5FG msg to recipient "691". Mode: AM/16-tone MFSK 10Bd
6873.5	1702	01-12	DOSC. Traffic. "RNCTLHPOGMV DCWOX". Mode: CROWD36
8026.5	1730	01-12	DOSC. Traffic. "RNCTLHPOGMV DCWOX". Mode: CROWD36
5762.5	1733	01-12	DOSC. Traffic. Mode: CROWD36
9236.0	1530	05-12	Mazielka. Sequence: 156234
13521.0	1230	07-12	Russian Intelligence. Broadcasting multi figure message. Mode: Baudot 200.33Bd/500Hz
10172.0	1240	07-12	Russian Intelligence. Broadcasting multi figure message. Mode: Baudot 200.33Bd/500Hz
8110.0	1250	07-12	Russian Intelligence. Broadcasting multi figure message. Mode: Baudot 200.33Bd/500Hz
16166.5	0837	09-12	DOSC. Traffic "11177 30044 51339 816". Mode: CROWD36
17466.5	0840	09-12	DOSC. Traffic. Mode: CROWD36
5772.0	0016	11-12	Mazielka. Sequence: 156234

6883.0	0050	11-12	Mazielka
16150.5	0844	10-12	DOSC. Traffic. Mode: CROWD36
4963.0	2033	10-12	Mazielka. Sequence: 164532
13517.0	1017	13-12	Mazielka
14871.0	1137	13-12	Mazielka. Sequence: 156234
11411.0	1154	13-12	Mazielka. Sequence: 164532
9450.0	0900	16-12	Mazielka
5458.0	2025	17-12	Mazielka. Sequence: 165324
12147.0	0742	19-12	Russian Intelligence. Auto broadcasting 5FG msg to recipient "111". Mode: AM/16-tone MFSK 10Bd
7820.0	1603	13-12	Mazielka
13420.0	0900	23-12	Mazielka. Sequence: 534216
8140.5	1305	25-12	DOSC. Encrypted msg. Mode: CROWD-36
8140.0	1313	25-12	DOSC. Mode: CROWD-36
5272.0	1625	25-12	Mazielka. Sequence: 263145
11524.5	1448	26-12	DOSC Moscow. Mode: CROWD-36
16025.0	0951	30-12	Mazielka. Sequence: 156234
5371.5	1717	29-12	DOSC. "11166 50189 64459 ..." and "11177 50189 91580" Mode: CROWD-36
16025.0	0951	30-12	Mazielka. Sequence: 156234
14871.0	1054	31-12	Mazielka. Sequence: 156234
12224.0	1404	31-12	Mazielka. Sequence: 463125

* MILITARY STATIONS *

::: RUSSIAN, CIS, UKRAINIAN MILITARY SSB & CW STATIONS (including M32)

- 18.1 Trond supplied some recent Russian flash messages and long 5FG messages from Russian high command to various Russian strategic nuclear forces. Some recorded when the the Admiral Kuznetsov aircraft carrier on the 10th passed only 40 nM off the offshore oilfield Statfjord. All transmissions received on 9 and 10 December on VLF 18.1 kHz.

```
uuu rdl rdl rdl 11111
77983 78677 5992t 5992t 1t237 39476 84466 62434 16t11 368t7
12555 38885 5t598 963t3 39348 92173 195t7 11575 59124 22844
2t41t 81772 87137 33265 42671 52936 31644 09966 36881 t4836
2t96t 2t997 77579 41t5t 35153 87148 878t3 98995 t9699 45t22
t474t 72614 67943 14388 33762 1tt93 85648 t2221 91242 3t492
1499t 99248 27765 74924 32464 61812 58383 83545 43941 399t1
66868 36882 11421 63943 78291 59526 14226 16867 34165 38154
2t958 857t3 99795 t1228 97547 7t735 27761 tt751 769t6 t5247
51574 62645 81194 66ttt 35655 49t71 25t21 11758 t4t7t 73t7t
75717 78223 99tt8 7t88t t2248 57434 37175 27295 58969 78t12
```

t7574 46776 64231 3147t 5849t 49771 19682 6398t t15tt 231tt
35259 52546 78219 91694 t4682 t9692 56649 99557 95474 69469
72279 69645 812t1 33149 81928 79791 55665 t4324 76615 3t1t8
26226 3xt39 93622 53176 52349 7819t 27976 t9138 k

uuu rdl rdl rdl 11111
t3t37 t5497 49788 49788 4249t 44913 69566 38556 18221 83455
722t7 2t225 t5444 91938 t8822 64923 81171 51628 32293 88745
5tt74 8663t 42832 97184 71615 3t89t 08tt2 06773 73725 tt418
517t5 22238 74t81 t5838 27696 727t5 19942 54463 t4691 2t638
28973 58t97 94419 7t319 5t174 36199 2t318 62221 356t5 39541
196tt 12t82 87616 93926 28823 27447 89749 64714 t9t64 k

uu xxx xxx rks rks rdl rdl 89577 30819 bard 1215 4362 ur 5012 7300 k

u xxx xxx rks rks rdl rdl 02057 92824 alodx 3673 4597 k

uu xxx xxx rdl rdl 49494 79890 trolx 7132 3644 k

uu xxx xxx rks rks rdl rdl 70063 95239 izopulegol 8447 3786 k

u xxx xxx rks rks rdl rdl 21485 63879 serd k 6518 3872 k

uuu rdl rdl rdl 11111
88t41 78857 8497t 8497t 22613 227tt 88442 15133 1t396 t9115
73227 54284 96292 1t143 23923 t7572 46113 6t147 31516 2tt83
t4151 82642 5937t t5372 86846 36157 t2433 74377 t347t 47395
13987 13358 1tt33 k

3161 Russian Mil: RGT77

3172 Russian Navy: RIW traffic to RMSB.

3256 Russian Navy Kaliningrad: RMP

3264 Russian Navy Kaliningrad: RMP msg to RE0.

3370 Russian Navy: RJH84 clg RMP, RJD69 and RJD85 for QSA reports

3765 Russian Navy: RJD85. "DE RJD85 ZGR K"

3863 Russian Mil. OC2G de TK06 QTC 330 66 24 (??) 330 = 333 = 11111
24064 rpt al QLN +

3875.7 Russian Navy: RDJ99 "RAJONAH 2 04 75 12 IEE/S ORYWY2GTM/INEM/12 M/S
PORYWY EET/S RAJONE 76 OC"

4078.6 Russian Navy Kaliningrad: "RE0 RE0 DE RMP RMP QTC 569....."

4191 Russian Mil? "DE JEFR QT85 RQE SN DE JDMY DE JQMY QT DE JIIH DE JQZA DE JMNK...". "6L1R2/33 0017R3 TW18R38 5BIF2" "TW17RSM TW17RSM...".

4194 Russian Naval vessel: RAL48 wkg RIT. "RIT de RAL48 RPT K. RIT de RAL48 QSA1/NO RPT K"

4334 Russian Navy: RJF94. "VVV RJC48 RJC48 R JC 48 DE RJF94"

4602 Russian Navy: RHY73 wkg RJI63

5135.5 Russian Navy: RJD85 wkg RFN66

5402.5 Russian Mil. "XXX XXX PABA PABA 06017 MODEFIKATOR 3843 06017 MODEFIKATOR 3843 (x2) K"

5753 Russian Mil: "XXX XXX RLO RLO KOMNATA 4375 202AAA3 = 204AAA3 218AAA3 = 220AAA3 (x2) K"

5830 Russian Mil: RMW36 rcvd XXX-Strategic Flash msg "XXX XXX XXX LR43 LR43 TEHNITSchESKAYa PROWERKA 540 (x2) K 14 E" into OP-chat "RMW36 R XXX ZSA 3 K"

5867 Russian Navy: RDL

6002 Russian Mil: T43D wkg 9DIA and VIPL

6361 Russian Mil:
 "5WV3 5WV3 5WV3 DE LXIF _ _F QTC 5TT 32 19 T455 5TT 4ZMU 5MI6-E0
 (----.)Q FVSEW MM MM MPP (---.) (---.) (---.) AA A00 OLLLZ MZVVV N
 DSKO _SPIA XNMMN MNVJM AURXF HORT(---.)(---.) (---.)IGA NNGO
 (---.) (---.)AZ CUQND A(---.)HAW SR UJV_ B(---.)LF UKEBZ HAAIS
 KPQQB ZOTDK ASM NIT NISOU OWXDX NFCNA ROPI (ERROR SIGNAL.....)
 NFCNA (.--.)OPW _RPTAL QLN K" (Obs: T for 0 "zero")

"AXSP 39 32 24 0410 390 BT ZAO 542 BT PPPPP SSSGG GFFF(---.)(---.)(---.)
 SSS 000KK KZZZN NNRRR (...--.)SAHN _HAK_ YOEIE PLSXZ SFYHB RKBIP HEVID
 RAUFx QPFxU AEK (ERROR SIGN) QPFxU AEXBD (.--.)IYU0 OCWPA VXNVA EOXEA
 WU(.--.)AU WYGGA CLLBU VJ(---.)NI A(----)AQY HSUCX PHQW(----) VSGUY
 WRPWO K"

"OTZM (3X) DE AXSP (3X) QTC K. OTZM 229 31 21 T54T 229 BT 726 BT
 11111 55555 999_3 35555 55777 111666 (ERROR SIGNAL ".....")
 55TTT 11166 63334 44666 72178 8125T _TT36 34825 37_86 14_8T
 4844T 36367 51684 5437T 52464 82496 817T8 14383 89571
 461__ 64436 26465 32382 TT382 TT382 24764 21T29 21T29 BT"

6861 Russian Naval Air: RJF94 "580 14 14 1433 580 = 380 = 11111 ... 14012 K"

RJC48, RCH84

6909 Russian Mil: C7CH.
"XXX XXX BZ1L BZ1L 55355 ORIYaT 276 55355 ORIYaT 276 (x2) K"
into sx cfm-tfc wkg A2MY, 7JAD, G1PB, MQVM etc., e.g. "C7CH (x3)
de A2MY (x2) R XXX 553355 ORIYaT 276 K" -> "OK RK"; and nxt XXX
msg "XXX XXX 7JAD 7JAD 6TTY 6TTY A2MY A2MY G1PB G1PB GFK5 GFK5
64543 DASTUR 315 64543 DASTUR 315 (x2) K", OP-chat incl. w/MQVM,
1X6W etc. & breaks by C7CH w/"BK BK BK BK QXS K".

6996 Russian Mil.

7018 Russian Air Force: REA4

7566 Russian Navy: RCV msg to RTZ and clg RIR98

7630 Russian Navy: RJS. "RMSB RMSB DE RJS RJS QSA? K"

7848 Russian Navy: RIW. "DE RIW ZGR"

7657 Russian Navy: RDL

7696 Russian Navy: RIW wkg RMZW. RIW wkg RGV82

7954 Russian Navy: RIT.
"RLO de RIT QTC 106 ...= radioprognoz 31128 63002 ..."
"xxx RLO wetre 2 po belomu mor, k" (wind 2 over White Sea)

8192 Russian Air Force: REA4. "XXX XXX 06.39 LOURENSI(barred A) 7159 9162"

8345 Russian Naval vessel: RAL48. "RIW RIW DE RAL48 RAL48 QSA? QTC K"
Russian Naval vessel: RFE76. "RMP DE RFE76 RFE76 RPT 264 2105 264"
Russian Naval vessel: RK081 wkg unid

8398 Russian Navy: RHY73 wkg RAL48. "RHY73 159 48 13 17 25 159 = SML = 11111
... 13047 / ar RHY73 k" into sx OP-chat, "RAL48 NR 159 RPT 13 K" etc.

8440 Russian Navy: RIW wkg RGV82.

8816 Russian Naval Air: RJC38 de 30371. "QSA 1 COL QQLUML1395Q REXLMD1335"

9145 Russian Navy.
RIW wkg RGV82: "RGV82 de RIW QYT4 QSA NO QWC K"
RIW wkg RMWZ: "RMZW RMZW DE RIW RIW QSA? K"
RIW wkg RFH77: "RFH77 RFH77 DE RIW QTC K"
RIW clg RMSB: "QSA? QYT4 QWH 12664 3172" later calling "RGV82 QYT4 QWH
10356 8440" and "RMZW QYT4 QWH 10956/12056"
RIW wkg RGR77: "RGR77 de RIW QYT 4 QWH 12723/11842"

RIW wkg RIS96: "RIS96 de RIW"

9345 Russian Mil: RDL "XXX XXX RDL 50698 10329 NATO..... 7459 7893"

10956 Russian Navy: RIW traffic to RMZW // 12056 kHz.

11000 Russian Navy: RIW wkg RGV82 an RMSB. RIW clg RMZW, RJQ84 and RGR77.

11524 Russian Mil: RWZ77

12056 Russian Navy: RIW traffic to RMZW // 10956 kHz.

12464 Russian Naval vessel RMSB wkg RIW on 11000 kHz

12653.7 Russian Naval vessel: RGV 82

12464 Russian Naval vessel: RGV82 "RGV82 QYT4 QSA4 QSA? K. RGV82 R K. QSA 14556 kHz.

12904 Russian Naval vessel RJH25 clg RGR77 QSA 12394 kHz

16599 Russian Mil. "RGR77 DE RJH25 QSA 1 rpt"

14556 Russian Navy: RIW wkg RGV82. "RIW QYT4 QSA 10492 K. RIW R K. Nothing on 10492. RGV82 de RIW QYT4 QSA 8330. RGV82 responds on 12464 kHz: "RIW de RGV82 OK QYT4 QWH 8330 K." Later sends him to 12414 kHz. Comes up with weak MS-5 on 12414 at 14:05.

RIW calls RLA88, RJQ84 and RMZW for QSA. RLA88 responds on 12464 and is given QSA2 QAP. Nothing of RMZW. Moves RGV82's MS-5 to 12398 kHz.

* UTILITY ROUND-UP*

::: 2008 Clandestine Activity Survey

During the year 2008 the activity of political clandestine stations broadcasting on shortwave has dropped by 5.3 % to 1251 Weekly Broadcasting Hours (WBHs). This is the result of the latest Clandestine Activity Survey, which has been published annually since 1986.

The activity of clandestine stations broadcasting to target areas on the Asian continent has decreased by 2.6 % to 915 WBHs. Activity to target areas on the American continent has remained unchanged at 215 WBHs. The activity to target areas on the African continent, where volatility has

54172 65897 25896 83765 85421 89013 08463 35724 18423 64120
 35257 95150 68120 79103 58769 20968 73426 51746 89724 54135
 36275 80510 23980 70031 73096 81493 64724 32659 82596 87259
 57249 72562 15018
 rpt bt
 54172 65897 25896 83765 85421 89013 08463 35724 18423 64120
 35257 95150 68120 79103 58769 20968 73426 51746 89724 54135
 36275 80510 23980 70031 73096 81493 64724 32659 82596 87259
 57249 72562 15018
 bt ar k tu va
 nnnn

More info and logs are most welcome. You can download a sample from the N&O sound sample page.

(Logged by Tomonori and 2 other dxers)

★ LOGS SECTION ★

474	MX	Mode: CW Date/time: 21-12-2008, 0647 UTC Remarks: Defective NDB "P". It sent "PE" this morning. Contr: (AB)
2212.5	M51	Mode: CW Date/time: 10-12-2008, 1745 UTC Remarks: in progress Contr: (ML4)
2466	M01b	Mode: CW Date/time: 18-12-2008, 1932 UTC Remarks: 910 384 30 = 72235 57696 24022 etc //3545 kHz Contr: (RiN)
2680	M22	Mode: CW Date/time: 29-12-2008, 1748 UTC Remarks: 4XZ. Israeli Navy Haifa. "VVV DE 4XZ 4XZ" Contr: (PPA)
2680.0	M22	Mode: CW Date/time: Sat 20-12-2008, 0203 UTC Remarks: 4xz. Contr: (DXman)
2680.0	M22	Mode: CW Date/time: Mon 22-12-2008, 2208 UTC Remarks: 4XZ 4XZ = = MR AR NW QTC 1 NR 632 = = NR 632 PHEHS XANDC BSRNQ Contr: (DXman)
2680.0	M22	Mode: CW Date/time: Tue 23-12-2008, 0217 UTC Remarks: IRGIJ SNQXO MONIPM GHSQG TOQDO CXAPQ SAQWB NRPPZ YETNK AMRHI CK Contr: (DXman)
2743	E10	Mode: AM Date/time: 13-12-2008, 2031 UTC Remarks: ULX2 //3270 kHz Contr: (SW2)
2743	E10	Mode: AM Date/time: 30-12-2008, 1701 UTC Remarks: ULX2 //3270 Khz Contr: (SW2)
2743.0	E10	Mode: AM Date/time: Sat 20-12-2008, 0408 UTC

Remarks: UWWEU VNEEE FTFHS FRIQO YOWXZ
 UNJMG ZPIPA DCIKT LGDRU PGXWN GML Contr:
 (DXman)

2743.0	E10	Mode: AM Date/time: Mon 22-12-2008, 2137 UTC Remarks: Contr: (DXman)
2844.0	E10	Mode: AM Date/time: Tue 23-12-2008, 0149 UTC Remarks: QRM radioteletype. Contr: (DXman)
3150	E10	Mode: AM Date/time: 29-8-2008, 1833 UTC Remarks: PCD2 Contr: (EB)
3150	E10	Mode: AM Date/time: 13-12-2008, 2031 UTC Remarks: PCD2 //4270 kHz Contr: (SW2)
3150	E10	Mode: AM Date/time: 30-12-2008, 1657 UTC Remarks: PCD2 Contr: (SW2)
3151	E10	Mode: AM Date/time: 20-12-2008, 1832 UTC Remarks: PCD 2 Contr: (ML4)
3163	M24	Mode: CW Date/time: 18-12-2008, 1800 UTC Remarks: 258 730 129 = 61640 etc Contr: (RiN)
3167	MX	Mode: CW Date/time: 18-12-2008, 1722 UTC Remarks: Channel marker "P" Contr: (EB)
3189	S06	Mode: AM Date/time: 24-12-2008, 2000 UTC Remarks: 685 372 41 94482 46966 49401 etc (repeat of Saturday 1600z 4767kHz) Contr: (RiN)
3270	E10	Mode: AM Date/time: 29-8-2008, 1932 UTC Remarks: ULX2 Contr: (EB)
3270	E10	Mode: AM Date/time: 19-12-2008, 1903 UTC Remarks: ULX2 repeated - no tfc Contr: (EB)
3270	E10	Mode: AM Date/time: 29-12-2008, 1832 UTC Remarks: ULX. YL with 5LG msg. Group 115 Contr: (PPA)
3292.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 0200 UTC Remarks: SSSL atencion: 12831 74188 very weak Contr: (Westli)
3292.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0200 UTC Remarks: 13082 18412 43031 Contr: (BS3)
3292.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 0200 UTC Remarks: 40851 23101 40402 Contr: (BS3)
3327	M89	Mode: CW Date/time: 26-12-2008, 1641 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (PPA)
3374	M21	Mode: USB Date/time: 11-12-2008, 1630 UTC Remarks: Russian voice channel passing co-ordinates (M21 voice variant) Contr: (OC)
3389.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0100 UTC Remarks: Carrier was up but no TFC Contr: (BS3)
3389.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 0100 UTC Remarks: 40851 23101 40402 Contr: (BS3)
3415	E10	Mode: AM Date/time: 29-8-2008, 1833 UTC Remarks: ART repeated - traffic expected Contr: (EB)

3415	E10	Mode: AM Date/time: 11-12-2008, 1759 UTC Remarks: repeated tfc to follow Contr: (EB)
3415	E10	Mode: AM Date/time: 19-12-2008, 1832 UTC Remarks: ART into 51 tfc Contr: (EB)
3415	E10	Mode: AM Date/time: 19-12-2008, 1902 UTC Remarks: ART into 51 tfc Contr: (EB)
3415	E10	Mode: AM Date/time: 26-12-2008, 2028 UTC Remarks: ART2 Contr: (EB)
3415	E10	Mode: AM Date/time: 30-12-2008, 1703 UTC Remarks: ART msg grp 17 COELS NNHUN HQXTA OZUYK eom Contr: (SW2)
3415.0	E10	Mode: AM Date/time: Sat 20-12-2008, 0411 UTC Remarks: QRM Shannon volmet. Contr: (DXman)
3545	M01b	Mode: CW Date/time: 18-12-2008, 1932 UTC Remarks: 910 384 30 = 72235 57696 24022 etc //2466 kHz Contr: (RiN)
3592	S06	Mode: AM Date/time: 11-12-2008, 1905 UTC Remarks: 436 00000 Contr: (MUK)
3593.7	MX	Mode: CW Date/time: 4-12-2008, 2148 UTC Remarks: Beacon "D" Contr: (WP3)
3593.7	MX	Mode: CW Date/time: 11-12-2008, 2210 UTC Remarks: Beacon "D" Contr: (MPJ)
3593.8	MX	Mode: CW Date/time: 11-12-2008, 2210 UTC Remarks: Beacon "P" Contr: (MPJ)
3593.8	MX	Mode: CW Date/time: 16-12-2008, 2229 UTC Remarks: Channel marker "P" Contr: (BCI)
3593.9	MX	Mode: CW Date/time: 4-12-2008, 2148 UTC Remarks: Beacon "S" Contr: (WP3)
3593.9	MX	Mode: CW Date/time: 11-12-2008, 2210 UTC Remarks: Beacon "S" Contr: (MPJ)
3594	MX	Mode: CW Date/time: 11-12-2008, 2210 UTC Remarks: Beacon "C" Contr: (MPJ)
3594.9	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC Remarks: Beacon "S" Contr: (AB)
3595	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC Remarks: Beacon "C" Contr: (AB)
3658	MX	Mode: CW Date/time: 19-12-2008, 1755 UTC Remarks: Channel marker "V" Contr: (EB)
3658	MX	Mode: CW Date/time: 22-12-2008, 2000 UTC Remarks: Channel marker "V" Contr: (MPJ)
3658	MX	Mode: CW Date/time: 26-12-2008, 2200 UTC Remarks: Channel marker "V" + message Contr: (AB)
3658	MX	Mode: CW Date/time: 29-12-2008, 1845 UTC Remarks: Channel marker "V" Contr: (EB)
3658	MX	Mode: CW Date/time: 29-12-2008, 2225 UTC Remarks: Channel marker "V" Contr: (AB)
3690	E06	Mode: AM Date/time: Wed 17-12-2008, 2015 UTC Remarks: 678:0 Contr: (HFD)

3810	E06	Mode: AM Date/time: 10-12-2008, 2020 UTC Remarks: 931 321 51 23313 39373 31111 05038 etc". Painfully slow Contr: (RiN)
3816.0	M01a	Mode: CW Date/time: Tue 23-12-2008, 0434 UTC Remarks: (0434-0435) 333(1) 28317(x2);etc;(0506-0509)111(x1) 28t39(x2);(0511)t79(x3) 2627 Contr: (FMB)
3826	M24	Mode: CW Date/time: 19-12-2008, 2000 UTC Remarks: 724 00000 Contr: (FN)
3828	S32	Mode: CW Date/time: 11-12-2008, 1918 UTC Remarks: beep bah slow rate Contr: (MUK)
3828.0	S32	Mode: USB Date/time: Wed 24-12-2008, 0540 UTC Remarks: Contr: (DXman)
3828.9	S32	Mode: USB Date/time: 25-12-2008, 2156 UTC Remarks: Squeaky Wheel still in slow motion Contr: (AB)
3840	E10	Mode: AM Date/time: 29-8-2008, 1638 UTC Remarks: YHF 5L traffic Contr: (EB)
3840	E10	Mode: AM Date/time: 11-12-2008, 1800 UTC Remarks: repeated - no tfc Contr: (EB)
3840	E10	Mode: AM Date/time: 13-12-2008, 1701 UTC Remarks: YHF2 //4560 kHz Contr: (SW2)
3840	E10	Mode: AM Date/time: 13-12-2008, 1801 UTC Remarks: YHF2 Contr: (SW2)
3840	E10	Mode: AM Date/time: 13-12-2008, 2032 UTC Remarks: YHF2 //4560 kHz Contr: (SW2)
3840	E10	Mode: AM Date/time: 16-12-2008, 2025 UTC Remarks: YHF2 Contr: (MUK)
3840	E10	Mode: AM Date/time: 16-12-2008, 2201 UTC Remarks: YHF Contr: (MUK)
3840	E10	Mode: AM Date/time: 19-12-2008, 1901 UTC Remarks: YHF2 repeated - no tfc Contr: (EB)
3840	E10	Mode: AM Date/time: 24-12-2008, 1636 UTC Remarks: YHF msg msg gr 46 gr 46 - into 51 tfc Contr: (EB)
3840	E10	Mode: AM Date/time: 26-12-2008, 2033 UTC Remarks: YHF2 Contr: (EB)
3840	E10	Mode: AM Date/time: 30-12-2008, 1603 UTC Remarks: YHF2 Contr: (SW2)
3840	E10	Mode: AM Date/time: 30-12-2008, 1656 UTC Remarks: YHF2 //2844 Khz Contr: (SW2)
3840.0	E10	Mode: AM Date/time: Sat 20-12-2008, 0348 UTC Remarks: Group 89 text UVFWT WHHEY UEHFL SMUVS WPTCP Contr: (DXman)
3840.0	E10	Mode: AM Date/time: Tue 23-12-2008, 0151 UTC Remarks: QRM: russian militarys on 3835 kHz. Contr: (DXman)
3846	M89	Mode: CW Date/time: 12-12-2008, 2040 UTC Remarks: v B7TZ B7TZ B7TZ de 8PNX 8PNX 8PNX Contr: (FN)

3927.0	M08a	Mode: CW Date/time: Tue 16-12-2008, 0400 UTC Remarks: 5-fig cut numbers 35231 83081 47031 Contr: (Westli)
3928.0	S32	Mode: USB Date/time: Sun 21-12-2008, 0047 UTC Remarks: QRM CW. Contr: (DXman)
4027.0	M08a	Mode: CW Date/time: Tue 9-12-2008, 0300 UTC Remarks: 5-fig cut numbers 46182 77351 32202 weak Contr: (Westli)
4027.0	M08a	Mode: CW Date/time: Tue 16-12-2008, 0300 UTC Remarks: 5-fig cut numbers 35231 83081 47031 Contr: (Westli)
4027.0	M08a	Mode: CW Date/time: Tue 23-12-2008, 0300 UTC Remarks: 38822 42632 68182 Contr: (BS3)
4028.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0200 UTC Remarks: Contr: (PW)
4028.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0200 UTC Remarks: Contr: (PW)
4028.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0200 UTC Remarks: 5F/SS/YL [Atencion ? ? 55331 x10. Message. Final x3] Contr: (PW)
4028.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 0100 UTC Remarks: 58381 33201 54531 Contr: (BS3)
4028.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 0200 UTC Remarks: 51172 51481 05762 Contr: (BS3)
4028.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 0200 UTC Remarks: SSSL atencion: 07677 51481 first ID questionable Contr: (Westli)
4034.0	M08a	Mode: CW Date/time: Sun 21-12-2008, 1500 UTC Remarks: in TFC / too weak here Contr: (BS3)
4034.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 1500 UTC Remarks: Too weak to copy here Contr: (BS3)
4035.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 0400 UTC Remarks: 5-fig cut numbers too weak to copy reliably Contr: (Westli)
4044	XPA	Mode: USB Date/time: 19-12-2008, 1940 UTC Remarks: Contr: (THY)
4045	E06	Mode: AM Date/time: Thu 25-12-2008, 2200 UTC Remarks: 922:0 Contr: (HFD)
4055	M41	Mode: CW Date/time: 17-12-2008, 1520 UTC Remarks: PVO. 5EQB repeated in slow CW Contr: (EB)
4141	M01B	Mode: CW Date/time: Tue 2-12-2008, 1820 UTC Remarks: 210-227/24=38696, //4848 Contr: (HFD)
4153	XSL	Mode: FSK Date/time: 11-12-2008, 1449 UTC Remarks: Japanese Slot Machine Contr: (TI)
4153	XSL	Mode: FSK Date/time: 19-12-2008, 1328 UTC Remarks: Japanese Slot Machine Contr: (TI)
4165	E10	Mode: AM Date/time: 29-8-2008, 1631 UTC Remarks: ART:E10 1631 Mon 29 Dec 08 USB repeated -

tfc to follow Contr: (EB)

4165	E10	Mode: AM Date/time: 29-8-2008, 1832 UTC Remarks: ART repeated - traffic expected Contr: (EB)
4165	E10	Mode: AM Date/time: 19-12-2008, 1837 UTC Remarks: ART into 5l tfc Contr: (EB)
4165	E10	Mode: AM Date/time: 24-12-2008, 1634 UTC Remarks: ART 5L tfc - very weak Contr: (EB)
4165	E10	Mode: AM Date/time: 30-12-2008, 1641 UTC Remarks: ART rpt msg grp 71 [QMXMR] Contr: (SW2)
4181	E11	Mode: USB Date/time: Mon 29-12-2008, 1630 UTC Remarks: 287/00 Contr: (HFD)
4231.5	XSL	Mode: FSK Date/time: 19-12-2008, 1329 UTC Remarks: Japanese Slot Machine Contr: (TI)
4270	E10	Mode: AM Date/time: 29-8-2008, 1832 UTC Remarks: PCD msg msg gr 112 gr 112 text text RJEYS Contr: (EB)
4270	E10	Mode: AM Date/time: 29-8-2008, 1933 UTC Remarks: PCD msg msg gr 11 gr 11 KNCEL (repeats msg immediately) Contr: (EB)
4270	E10	Mode: AM Date/time: 1-12-2008, 1636 UTC Remarks: PCD 5LGs Contr: (EB)
4270	E10	Mode: AM Date/time: 13-12-2008, 1702 UTC Remarks: PCD2 Contr: (SW2)
4270	E10	Mode: AM Date/time: 13-12-2008, 1731 UTC Remarks: PCD2 Contr: (SW2)
4270	E10	Mode: AM Date/time: 13-12-2008, 1902 UTC Remarks: PCD1 Contr: (SW2)
4270	E10	Mode: AM Date/time: 13-12-2008, 1933 UTC Remarks: PCD msg grp 50 [HJRGU] Contr: (SW2)
4270	E10	Mode: AM Date/time: 14-12-2008, 1902 UTC Remarks: PCD 2 msgs gr 88 gr 88 msg gr 86 gr 86 Contr: (EB)
4270	E10	Mode: AM Date/time: 19-12-2008, 1729 UTC Remarks: PCD2:E10 1729 Fri 19 Dec 08 USB repeated - no tfc Contr: (EB)
4270	E10	Mode: AM Date/time: 29-12-2008, 1802 UTC Remarks: PCD. YL with 5LG msg. Group 41 Contr: (PPA)
4270	E10	Mode: AM Date/time: 30-12-2008, 1633 UTC Remarks: PCD msg grp 192 [XSWXK] Contr: (SW2)
4291	XSL	Mode: FSK Date/time: 11-12-2008, 1451 UTC Remarks: Japanese Slot Machine Contr: (TI)
4325.9	MX	Mode: CW Date/time: 26-12-2008, 2041 UTC Remarks: Beacon "R" Contr: (AB)
4326	MX	Mode: CW Date/time: 6-12-2008, 2020 UTC Remarks: Channel marker "R" Contr: (WP3)
4326.0	MX	Mode: CW Date/time: Sun 21-12-2008, 0447 UTC Remarks: Heavy QRM from radioteletype. *-* [R/=] Contr: (DXman)

4327.9	MX	Mode: CW Date/time: 16-12-2008, 2136 UTC Remarks: Channel marker "R" Contr: (BCI)
4331	M22	Mode: CW Date/time: 6-12-2008, 2022 UTC Remarks: 4XZ. Israeli Navy Haifa. VVV DE 4XZ 4XZ Contr: (WP3)
4331	M22	Mode: CW Date/time: 11-12-2008, 1714 UTC Remarks: 4XZ Israeli Navy Contr: (EB)
4331	M22	Mode: CW Date/time: 29-12-2008, 1749 UTC Remarks: 4XZ. Israeli Navy Haifa. "VVV DE 4XZ 4XZ" Contr: (PPA)
4440	M89	Mode: CW Date/time: 11-12-2008, 1719 UTC Remarks: V MW3D MW3D MW3D DE 2SLC 2SLC Contr: (TI)
4443	M12	Mode: CW Date/time: 23-12-2008, 0446 UTC Remarks: 408 Contr: (DXman)
4443.0	M?	Mode: CW Date/time: Tue 23-12-2008, 0446 UTC Remarks: 959T6 4813T 75547 1956T 63E59 T1995 93922 32T8T 41258 91741 31T Contr: (DXman)
4444	M51	Mode: CW Date/time: 2-12-2008, 0003 UTC Remarks: French mil morse training Contr: (aa111)
4444	M51	Mode: CW Date/time: 14-12-2008, 1632 UTC Remarks: in progress Contr: (AB)
4473	XPA	Mode: AM Date/time: 16-12-2008, 2140 UTC Remarks: 494 000 01428 00001 00000 10140 Contr: (THY)
4474	XPA	Mode: AM Date/time: Fri 12-12-2008, 2140 UTC Remarks: msg Contr: (HFD)
4478.0	M08a	Mode: CW Date/time: Sat 20-12-2008, 1100 UTC Remarks: 68362 62162 15061 Contr: (BS3)
4478.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 1100 UTC Remarks: 5-fig cut numbers 15061 68362 62162 Contr: (Westli)
4484.5	M41	Mode: CW Date/time: 1-12-2008, UTC Remarks: PVO. "NOFJ NOFJ wzd 722194950 ... k" Contr: (FN)
4484.5	M41	Mode: CW Date/time: 1-12-2008, UTC Remarks: PVO. "XL1A XL1A wzd 7221949579... k" Contr: (FN)
4490	M01	Mode: CW Date/time: 30-12-2008, 2000 UTC Remarks: 197 052 30 == 45393.. Contr: (FN)
4505	E06	Mode: AM Date/time: 10-12-2008, 1920 UTC Remarks: 931 321 51 23313 39373 31111 05038 etc". Painfully slow Contr: (RiN)
4506.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 1600 UTC Remarks: 28282 34301 07112 Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Sun 21-12-2008, 1600 UTC Remarks: in TFC / too weak here Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Tue 23-12-2008, 1600 UTC

		Remarks: 54522 72702 53222 Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 1600 UTC Remarks: Too weak to copy here Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 1600 UTC Remarks: Too weak to copy here Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 1600 UTC Remarks: 22262 20282 18732 Contr: (BS3)
4506.0	M08a	Mode: CW Date/time: Tue 30-12-2008, 1600 UTC Remarks: in TFC / too weak here Contr: (BS3)
4519	G06	Mode: AM Date/time: 11-12-2008, 1830 UTC Remarks: 272 00000 Contr: (MUK)
4519	G06	Mode: AM Date/time: 11-12-2008, 1830 UTC Remarks: 272 00000 Contr: (THY)
4523	M89	Mode: CW Date/time: 8-12-2008, 1935 UTC Remarks: v QPZM QPZM QPZM de WOXN WOXN WOXN Contr: (FN)
4551	E06	Mode: AM Date/time: 19-12-2008, 2100 UTC Remarks: 206 00000 Contr: (FN)
4553	E06	Mode: AM Date/time: 24-12-2008, 2100 UTC Remarks: 206 00000 (Unknown sked) Contr: (RiN)
4553	E06	Mode: AM Date/time: 30-12-2008, 2100 UTC Remarks: 206 00000 Contr: (RiN)
4558	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC Remarks: Beacon "C" Contr: (AB)
4558.1	MX	Mode: CW Date/time: 29-8-2008, 1559 UTC Remarks: Beacon "A" Contr: (EB)
4558.1	MX	Mode: CW Date/time: 26-12-2008, 1612 UTC Remarks: Beacon "A" Contr: (AB)
4558.1	MX	Mode: CW Date/time: 26-12-2008, 1645 UTC Remarks: Beacon "A" Contr: (TI)
4558.1	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC Remarks: Beacon "A" Contr: (AB)
4558.3	MX	Mode: CW Date/time: 26-12-2008, 1645 UTC Remarks: Beacon "K" Contr: (TI)
4577	M21	Mode: CW Date/time: 11-12-2008, 1725 UTC Remarks: plots Contr: (TI)
4577	M21	Mode: CW Date/time: 19-12-2008, 1333 UTC Remarks: PVO Contr: (TI)
4625	S28	Mode: AM Date/time: 10-12-2008, 1554 UTC Remarks: Buzzer Contr: (TI)
4625	S28	Mode: AM Date/time: 11-12-2008, 1425 UTC Remarks: Buzzer Contr: (TI)
4625	S28	Mode: AM Date/time: 22-12-2008, 1825 UTC Remarks: Buzzer Contr: (TI)
4625	S28	Mode: AM Date/time: 22-12-2008, 2216 UTC Remarks: UVB76: Enigma Buzzer 2216 AM Has spuri/parallel with possible unstable carrier around Contr: (MPJ)

4625.0	S28	Mode: AM Date/time: Fri 19-12-2008, 2027 UTC Remarks: Buzzer. Contr: (DXman)
4637	M14	Mode: CW Date/time: 9-12-2008, 1820 UTC Remarks: 196 00000 Contr: (RiN)
4644	XPA	Mode: USB Date/time: 19-12-2008, 1920 UTC Remarks: Contr: (THY)
4727	M89	Mode: CW Date/time: 19-12-2008, 1338 UTC Remarks: V B7TZ B7TZ B7TZ DE 8PNX 8PNX Contr: (TI)
4761	M14	Mode: CW Date/time: 24-12-2008, 1920 UTC Remarks: 748 00000 Contr: (RiN)
4761	M14	Mode: CW Date/time: Wed 24-12-2008, 1920 UTC Remarks: 748:0 Contr: (HFD)
4792	E07	Mode: AM Date/time: Mon 1-12-2008, 2100 UTC Remarks: 887:1 Contr: (HFD)
4792	E07	Mode: AM Date/time: 3-12-2008, 2140 UTC Remarks: 887 1 615 37 5FGs 000 000 Contr: (RiN)
4792	E07	Mode: AM Date/time: 10-12-2008, 2140 UTC Remarks: 887 1 267 37 5FGs 000 000 Contr: (MUK)
4792	G06	Mode: AM Date/time: Fri 26-12-2008, 1930 UTC Remarks: 436:0 Contr: (HFD)
4828	M03	Mode: CW Date/time: 22-12-2008, 1625 UTC Remarks: 140/32 96493 74144 84752 57342 etc Contr: (RiN)
4828	M03	Mode: CW Date/time: Mon 29-12-2008, 1625 UTC Remarks: 142/00 Contr: (HFD)
4828	M03	Mode: CW Date/time: 29-12-2008, 1627 UTC Remarks: 142/00 repeated - ends 000 (TTT) Contr: (EB)
4836	E06	Mode: AM Date/time: Thu 18-12-2008, 2030 UTC Remarks: 321:0 Contr: (HFD)
4848	M01B	Mode: CW Date/time: Tue 2-12-2008, 1820 UTC Remarks: 210-227/24=38696, //4141 Contr: (HFD)
4880	E10	Mode: AM Date/time: 11-12-2008, 1732 UTC Remarks: ULX 5LGs Contr: (EB)
4880	E10	Mode: AM Date/time: 11-12-2008, 1803 UTC Remarks: ULX2 repeated - no tfc Contr: (EB)
4880	E10	Mode: AM Date/time: 13-12-2008, 1735 UTC Remarks: ULX rpt msg grp 16 [BFTOL] Contr: (SW2)
4880	E10	Mode: AM Date/time: 13-12-2008, 2001 UTC Remarks: ULX2 Contr: (SW2)
4880	E10	Mode: AM Date/time: 19-12-2008, 1833 UTC Remarks: ULX into 5l tfc Contr: (EB)
4880	E10	Mode: AM Date/time: 29-12-2008, 1803 UTC Remarks: ULX. Contr: (PPA)
4880	E10	Mode: AM Date/time: 30-12-2008, 1631 UTC Remarks: ULX2 Contr: (SW2)
4880.0	E10	Mode: AM Date/time: Sat 20-12-2008, 0210 UTC Remarks: Contr: (DXman)

4900	MX	Mode: CW Date/time: 17-12-2008, 1553 UTC Remarks: Channel marker "P" + short msgs in BEE Contr: (EB)
4928	M89	Mode: CW Date/time: 11-12-2008, 1730 UTC Remarks: V B7TZ B7TZ B7TZ DE 8PNX 8PNX Contr: (TI)
4951.5	M21	Mode: CW Date/time: 1-12-2008, UTC Remarks: PV0. ID "0" Contr: (FN)
4963	X06	Mode: AM Date/time: 10-12-2008, 2033 UTC Remarks: Mazielka. Sequence: 164532 Contr: (FMB)
4968	XPA	Mode: AM Date/time: Tue 9-12-2008, 2120 UTC Remarks: msg Contr: (HFD)
4968	XPA	Mode: AM Date/time: Fri 12-12-2008, 2120 UTC Remarks: msg Contr: (HFD)
4988	M89	Mode: CW Date/time: 23-12-2008, 1652 UTC Remarks: V B7TZ B7TZ B7TZ DE 8PNX 8PNX Contr: (TI)
5043	M12	Mode: CW Date/time: 23-12-2008, 0506 UTC Remarks: 408 Contr: (DXman)
5043.0	M?	Mode: CW Date/time: Tue 23-12-2008, 0506 UTC Remarks: 9469T 11674 84T87 496T9 12814 4T55T 75683 444T4 52398 53778 T4 Contr: (DXman)
5078.0	M41	Mode: CW Date/time: Sat 20-12-2008, 0614 UTC Remarks: 292691487» 3»261 3t85t 798169857312739268im1 7t173 3643689563 1t Contr: (DXman)
5125	E06	Mode: AM Date/time: Thu 25-12-2008, 2100 UTC Remarks: 922:0 Contr: (HFD)
5135.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 0100 UTC Remarks: 51172 51481 05762 Contr: (BS3)
5151	M12	Mode: CW Date/time: 20-12-2008, 1625 UTC Remarks: 812 repeated 813 813 23 23 (5 fig tfc groups twice) ends bt 813 813 23 23 000 (TTT) Contr: (EB)
5153.7	MX	Mode: CW Date/time: 5-12-2008, 2018 UTC Remarks: Beacon "D" Contr: (MPJ)
5153.7	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC Remarks: Beacon "D" Contr: (AB)
5153.8	MX	Mode: CW Date/time: 17-12-2008, 1613 UTC Remarks: Beacon "P" Contr: (EB)
5153.9	MX	Mode: CW Date/time: 5-12-2008, 2018 UTC Remarks: Beacon "S" Contr: (MPJ)
5154	MX	Mode: CW Date/time: 5-12-2008, 2018 UTC Remarks: Beacon "C" Contr: (MPJ)
5154	MX	Mode: CW Date/time: 26-12-2008, 1646 UTC Remarks: Beacon "C" Contr: (TI)
5154.0	MX	Mode: CW Date/time: Sat 20-12-2008, 0605 UTC Remarks: -** [D/1] Contr: (DXman)
5154.1	MX	Mode: CW Date/time: 24-12-2008, 1540 UTC

		Remarks: Beacon "A" Contr: (EB)
5154.1	MX	Mode: CW Date/time: 26-12-2008, 1612 UTC
		Remarks: Beacon "A" Contr: (AB/ML)
5154.1	MX	Mode: CW Date/time: 26-12-2008, 1646 UTC
		Remarks: Beacon "A" Contr: (TI)
5154.1	MX	Mode: CW Date/time: 26-12-2008, 1741 UTC
		Remarks: Beacon A: Astrakhan Contr: (ML)
5154.1	MX	Mode: CW Date/time: 26-12-2008, 1920 UTC
		Remarks: Beacon A: Astrakhan Contr: (CK)
5154.1	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC
		Remarks: Beacon "A" Contr: (AB)
5154.3	MX	Mode: CW Date/time: 11-12-2008, 1743 UTC
		Remarks: Beacon "K" Contr: (TI)
5154.3	MX	Mode: CW Date/time: 26-12-2008, 1646 UTC
		Remarks: Beacon "K" Contr: (TI)
5170	E10	Mode: AM Date/time: 11-12-2008, 1801 UTC
		Remarks: repeated tfc to follow Contr: (EB)
5170.0	E10	Mode: AM Date/time: Tue 23-12-2008, 1123 UTC
		Remarks: Contr: (DXman)
5170.0	E10	Mode: AM Date/time: Tue 23-12-2008, 1123 UTC
		Remarks: Contr: (DXman)
5175	E06	Mode: AM Date/time: 24-12-2008, 2100 UTC
		Remarks: 652 180 59 groups (repeat of Tuesday) Contr: (RiN)
5227	M01a	Mode: CW Date/time: 2-12-2008, 1550 UTC
		Remarks: 333 73559 73559 73559 333 73559 Contr: (FN)
5234	E07	Mode: AM Date/time: Tue 23-12-2008, 0800 UTC
		Remarks: 278:0 Contr: (HFD)
5272	X06	Mode: AM Date/time: 25-12-2008, 1625 UTC
		Remarks: sequence 2 6 3 1 4 5 Contr: (FN)
5342	MX	Mode: CW Date/time: 22-12-2008, 0450 UTC
		Remarks: Channel marker "V" Contr: (PPA)
5371.5	M42	Mode: Crowd-36 Date/time: 29-12-2008, 1717 UTC
		Remarks: DOSC. "11166 50189 64459 ..." and "11177 50189 91580" Contr: (BCI)
5410	????	Mode: CW Date/time: 9-12-2008, 0533 UTC
		Remarks: 441 441 441 00000 Contr: (ALF)
5417.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 0200 UTC
		Remarks: 58381 33201 54531 Contr: (BS3)
5425	XPA	Mode: AM Date/time: Fri 12-12-2008, 2100 UTC
		Remarks: msg Contr: (HFD)
5435	E10	Mode: AM Date/time: 11-12-2008, 1732 UTC
		Remarks: repeated tfc to follow - gr 19 gr 19 Contr: (EB)
5435	E10	Mode: AM Date/time: 11-12-2008, 1803 UTC
		Remarks: repeated tfc to follow Contr: (EB)
5435	E10	Mode: AM Date/time: 13-12-2008, 1731 UTC
		Remarks: ART + msg Contr: (ML4)

5435	E10	Mode: AM Date/time: 13-12-2008, 1733 UTC Remarks: ART msg grp 19 [OFOPX] //4165 kHz Contr: (SW2)
5435	E10	Mode: AM Date/time: 13-12-2008, 1803 UTC Remarks: ART msg grp 44 [NODWP] Contr: (SW2)
5435	E10	Mode: AM Date/time: 13-12-2008, 1935 UTC Remarks: ART rpt msg grp 14 [VCIDU] Contr: (SW2)
5435	E10	Mode: AM Date/time: 13-12-2008, 2032 UTC Remarks: ART2 Contr: (SW2)
5435	E10	Mode: AM Date/time: 14-12-2008, 1931 UTC Remarks: ART into 5l tfc Contr: (EB)
5435	E10	Mode: AM Date/time: 30-12-2008, 1603 UTC Remarks: ART msg grp 38 [LLHYK] Contr: (SW2)
5458	X06	Mode: AM Date/time: 17-12-2008, 2025 UTC Remarks: sequence 1 6 5 3 2 4 Contr: (FN)
5465.9	MX	Mode: CW Date/time: 26-12-2008, 2041 UTC Remarks: Beacon "R" Contr: (AB)
5466.0	MX	Mode: CW Date/time: Wed 24-12-2008, 0453 UTC Remarks: *-* [R/=] Contr: (DXman)
5474.9	S32	Mode: USB Date/time: 26-12-2008, 0701 UTC Remarks: Squeaky Wheel still in slow motion Contr: (AB)
5715	V24	Mode: AM Date/time: 19-12-2008, 1300 UTC Remarks: in progress Contr: (TI)
5715	V24	Mode: AM Date/time: 20-12-2008, 1430 UTC Remarks: in progress Contr: (TI)
5715	V24	Mode: AM Date/time: 25-12-2008, 1200 UTC Remarks: Contr: (TI)
5715	V24	Mode: AM Date/time: 28-12-2008, 1530 UTC Remarks: Contr: (TI)
5744	XPA	Mode: AM Date/time: 24-12-2008, 1900 UTC Remarks: 760 1 00218 00125 49645 etc, last group 45575 Contr: (RiN)
5762.5	M42	Mode: CROWD36 Date/time: 1-12-2008, 1733 UTC Remarks: DOSC. Traffic Contr: (BCI)
5771.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 1500 UTC Remarks: in TFC very weak here Contr: (BS3)
5771.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1500 UTC Remarks: 38861 32202 36662 Contr: (BS3)
5771.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 1500 UTC Remarks: 12241 58751 35462 Contr: (BS3)
5771.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 1500 UTC Remarks: 21782 44522 18841 Contr: (BS3)
5771.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 1500 UTC Remarks: in TFC / too weak here Contr: (BS3)
5772	X06	Mode: AM Date/time: 11-12-2008, 0016 UTC Remarks: Mazielka. Sequence: 156234 Contr: (JS3)
5800	M08a	Mode: CW Date/time: 28-12-2008, 0616 UTC Remarks: 5LGs, ended with AR 3 times and VA. Contr:

(MF)

5800.0	M08	Mode: CW Date/time: Tue 23-12-2008, 0514 UTC Remarks: i.p. === atatu ...(qsa 3-4) Contr: (FMB)
5800.0	M08a	Mode: MCW Date/time: Thu 4-12-2008, 0600 UTC Remarks: 5-fig cut numbers 27141 23062 46203 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Sat 6-12-2008, 0600 UTC Remarks: 5-fig cut numbers 65402 43061 91271 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Mon 8-12-2008, 0600 UTC Remarks: 5-fig cut numbers 54061 19251 62342 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Thu 11-12-2008, 0600 UTC Remarks: 5-fig cut numbers 88921 33302 68531 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Sat 13-12-2008, 0600 UTC Remarks: 5-fig cut numbers 20711 04871 31401 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Mon 15-12-2008, 0600 UTC Remarks: 5-fig cut numbers 34852 36652 61432 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Tue 16-12-2008, 0600 UTC Remarks: 5-fig cut numbers 67381 81621 86991 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Thu 18-12-2008, 0600 UTC Remarks: 5-fig cut numbers 54101 76381 48252 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 0600 UTC Remarks: 5-fig cut numbers 37861 41571 53721 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 0600 UTC Remarks: 63131 65841 81532 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Thu 25-12-2008, 0600 UTC Remarks: 5-fig cut numbers 50562 43852 04561 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Thu 25-12-2008, 0600 UTC Remarks: 50562 43852 04561 Contr: (BS3)
5800.0	M08a	Mode: MCW Date/time: Sat 27-12-2008, 0600 UTC Remarks: 5-fig cut numbers 76101 62202 08052 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 0600 UTC Remarks: 5-fig cut numbers 83042 26711 68102 Contr: (Westli)
5800.0	M08a	Mode: MCW Date/time: Tue 30-12-2008, 0600 UTC Remarks: 5-fig cut numbers up late, no preamble Contr: (Westli)
5810	S06	Mode: AM Date/time: 2-12-2008, 1238 UTC Remarks: sign off Contr: (MUK)

5810.0	S21	Mode: USB Date/time: Tue 23-12-2008, 0803 UTC Remarks: 418 418 418 418 418 930 48654 26110 05635 55433 88505 930 930 5 Contr: (DXman)
5820	E10	Mode: AM Date/time: 13-12-2008, 1942 UTC Remarks: YHF rpt msg grp 66 [CLOHI] Contr: (SW2)
5820	E10	Mode: AM Date/time: 13-12-2008, 2002 UTC Remarks: YHF2 Contr: (SW2)
5820	E10	Mode: AM Date/time: 14-12-2008, 1931 UTC Remarks: YHF into 5l tfc Contr: (EB)
5820	E10	Mode: AM Date/time: 30-12-2008, 1502 UTC Remarks: YHF2 Contr: (SW2)
5820	E10	Mode: AM Date/time: 30-12-2008, 1533 UTC Remarks: YHF msg grp 28 [IMCJE] Contr: (SW2)
5823	E11	Mode: USB Date/time: 18-12-2008, 1100 UTC Remarks: 742/00 Contr: (FN)
5836	E07	Mode: AM Date/time: Wed 3-12-2008, 1820 UTC Remarks: 989:0, weak mod. Contr: (HFD)
5836	M12	Mode: CW Date/time: 16-12-2008, 2023 UTC Remarks: i.p. Contr: (FN)
5860.0	M21	Mode: CW Date/time: Wed 24-12-2008, 0822 UTC Remarks: =991122??T????? Contr: (DXman)
5861.0	M21	Mode: CW Date/time: Fri 26-12-2008, 0757 UTC Remarks: =991125??ð????? =991129??ð????? =991133??ð?*??? =991132??ð????? Contr: (DXman)
5864	XPA	Mode: USB Date/time: 16-12-2008, 1940 UTC Remarks: Contr: (THY)
5864	XPA	Mode: AM Date/time: 23-12-2008, 1940 UTC Remarks: Contr: (THY)
5873	M21	Mode: CW Date/time: 1-12-2008, UTC Remarks: PVO. ID "8" Contr: (FN)
5883.0	M08a	Mode: MCW Date/time: Fri 5-12-2008, 0700 UTC Remarks: 5-fig cut numbers 70772 12371 03782 probably a mistake. Only audible a short Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Thu 4-12-2008, 0700 UTC Remarks: SSYL atencion: 28321 52321 63441 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Fri 5-12-2008, 0700 UTC Remarks: SSYL 28322 started late preparing first msg Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sat 6-12-2008, 0700 UTC Remarks: SSYL atencion: 28323 04781 83071 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sun 7-12-2008, 0700 UTC Remarks: SSYL 38051 after several false starts began msg Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Mon 8-12-2008, 0700 UTC Remarks: SSYL atencion: 61612 66861 56812 Contr: (Westli)

5883.0	V02a	Mode: AM Date/time: Tue 9-12-2008, 0700 UTC Remarks: SSYL atencion: 82731 03542 11312 weak Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Thu 11-12-2008, 0700 UTC Remarks: SSYL atencion: 87021 30532 80001 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Fri 12-12-2008, 0700 UTC Remarks: SSYL atencion: 87022 05402 31812 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0700 UTC Remarks: SSYL atencion: 71061 31382 14852 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Mon 15-12-2008, 0700 UTC Remarks: SSYL atencion: 03641 45206 66612 weak Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 0700 UTC Remarks: SSYL atencion: 11661 67721 72162 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 0700 UTC Remarks: SSYL atencion: 72331 34261 51572 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 0700 UTC Remarks: SSYL starts with empty carrier then comes in with msg in progress Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 0700 UTC Remarks: SSYL atencion: 88041 42452 46032 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0700 UTC Remarks: 84761 06832 23002 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0700 UTC Remarks: SSYL atencion: 84761 06832 23002 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0700 UTC Remarks: 31462 47121 06702 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0730 UTC Remarks: Very weak signal. QRM CW. 20081223072852.ogg Contr: (DXman)
5883.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 0700 UTC Remarks: SSYL atencion: 72421 64422 48762 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 0700 UTC Remarks: 72421 64422 48762 Contr: (BS3)
5883.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 0700 UTC Remarks: SSYL atencion: 18822 23531 30512 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sat 27-12-2008, 0700 UTC Remarks: SSYL atencion: 16801 56471 70682 Contr: (Westli)

5883.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0700 UTC Remarks: SSYL atencion: 53412 20572 25412 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0800 UTC Remarks: SSYL atencion: 53412 20572 25412 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0803 UTC Remarks: 6 minutes of V02a transmission (53412 20572 25412) started in 6786 Contr: (AgBr)
5883.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 0700 UTC Remarks: SSYL atencion: 58842 08041 04721 Contr: (Westli)
5883.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 0700 UTC Remarks: SSYL atencion: 33712 45351 82402 Contr: (Westli)
5896	E07	Mode: AM Date/time: Mon 1-12-2008, 2120 UTC Remarks: 887:1 Contr: (HFD)
5896	E07	Mode: AM Date/time: 10-12-2008, 2120 UTC Remarks: 887 1 267 37 5FGs 000 000 Contr: (MUK)
5896	E07	Mode: AM Date/time: 24-12-2008, 2120 UTC Remarks: 887 000 Contr: (RiN)
5898	V02a	Mode: AM Date/time: 22-12-2008, 0803 UTC Remarks: Cuban DGI. Spanish female voice with 5F grouped message (22 Dec)(PPA) Contr: (PPA)
5898.0	M08a	Mode: MCW Date/time: Thu 4-12-2008, 0500 UTC Remarks: 5-fig cut numbers 27141 23062 46203 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Sat 6-12-2008, 0500 UTC Remarks: 5-fig cut numbers 65402 43061 91271 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Thu 11-12-2008, 0500 UTC Remarks: 5-fig cut numbers 88921 33302 68531 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Mon 15-12-2008, 0500 UTC Remarks: 5-fig cut numbers 34852 36652 61432 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 0500 UTC Remarks: 5-fig cut numbers 37861 41571 53721 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Mon 22-12-2008, 0600 UTC Remarks: 5-fig cut numbers 62811 04581 56831 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 0500 UTC Remarks: 63131 65841 81532 Contr: (BS3)
5898.0	M08a	Mode: AM Date/time: Tue 23-12-2008, 0502 UTC Remarks: MCW 5-fig cut numbers, strong signal hear in New England. Contr: (EC)
5898.0	M08a	Mode: MCW Date/time: Sat 27-12-2008, 0500 UTC

		Remarks: 5-fig cut numbers empty carrier until msg hrd in progress Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 0500 UTC Remarks: 5-fig cut numbers 83042 26711 68102 Contr: (Westli)
5898.0	M08a	Mode: MCW Date/time: Tue 30-12-2008, 0500 UTC Remarks: (in progress, with spurr on 6522 kHz) Contr: (Jon-FL)
5898.0	V02a	Mode: AM Date/time: Thu 4-12-2008, 0800 UTC Remarks: SSYL atencion: 28321 52321 63441 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Fri 5-12-2008, 0800 UTC Remarks: SSYL atencion: 28322 57361 87811 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sat 6-12-2008, 0800 UTC Remarks: SSYL atencion: 28323 04781 83071 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sun 7-12-2008, 0800 UTC Remarks: SSYL atencion: 38051 04102 33072 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Mon 8-12-2008, 0800 UTC Remarks: SSYL atencion: 61612 66861 56812 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Tue 9-12-2008, 0800 UTC Remarks: SSYL atencion: 82731 03542 11312 weak Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Thu 11-12-2008, 0800 UTC Remarks: SSYL atencion: 87021 30532 80001 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Fri 12-12-2008, 0800 UTC Remarks: SSYL atencion: 87022 05402 31812 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sat 13-12-2008, 0800 UTC Remarks: SSYL atencion: 87023 28151 64752 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0800 UTC Remarks: SSYL atencion: 71061 31382 14852 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Mon 15-12-2008, 0800 UTC Remarks: SSYL atencion: 45011 06661 45401 weak Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 0800 UTC Remarks: SSYL atencion: 11661 67721 72162 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 0800 UTC Remarks: SSYL atencion: 72331 34261 51572 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 0800 UTC

		Remarks: SSYL atencion: 87882 30512 26521 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 0800 UTC Remarks: SSYL atencion: ..662 11232 48231 weak Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 0800 UTC Remarks: 88041 42452 46032 Contr: (BS3)
5898.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 0800 UTC Remarks: SSYL atencion: 88041 42452 46032 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0800 UTC Remarks: SSYL atencion: 84761 06832 23002 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0800 UTC Remarks: 84761 06832 23002 Contr: (BS3)
5898.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0800 UTC Remarks: 31462 47121 06702 Contr: (BS3)
5898.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 0800 UTC Remarks: 72421 64422 48762 Contr: (BS3)
5898.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 0800 UTC Remarks: SSYL atencion: 18822 23531 30512 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sat 27-12-2008, 0800 UTC Remarks: SSYL atencion: 16801 56471 70682 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0825 UTC Remarks: Restart of bogus transmission (53412 20572 25412) - S9 Contr: (AgBr)
5898.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 0800 UTC Remarks: SSYL atencion: 58842 08041 04721 Contr: (Westli)
5898.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 0800 UTC Remarks: SSYL atencion: 33712 45351 82402 Contr: (Westli)
6215	V24	Mode: AM Date/time: 11-12-2008, 1500 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 12-12-2008, 1600 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 13-12-2008, 1608 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 16-12-2008, 1500 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 18-12-2008, 1502 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 19-12-2008, 1402 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 19-12-2008, 1503 UTC Remarks: in progress Contr: (TI)

6215	V24	Mode: AM Date/time: 21-12-2008, 1202 UTC Remarks: in progress Contr: (TI)
6215	V24	Mode: AM Date/time: 26-12-2008, 1500 UTC Remarks: Contr: (TI)
6215	V24	Mode: AM Date/time: 27-12-2008, 1500 UTC Remarks: Contr: (TI)
6215	V24	Mode: AM Date/time: 27-12-2008, 1600 UTC Remarks: Contr: (TI)
6270	E10	Mode: AM Date/time: 30-12-2008, 1431 UTC Remarks: ULX2 Contr: (SW2)
6270	E10	Mode: AM Date/time: 30-12-2008, 1501 UTC Remarks: ULX2 //7760 Khz Contr: (SW2)
6270	E10	Mode: AM Date/time: 30-12-2008, 1546 UTC Remarks: ULX rpt msg grp 73 [LKDYZ] Contr: (SW2)
6280	E17	Mode: USB Date/time: 8-12-2008, 0920 UTC Remarks: 274 871 30 5FGs 871 30 00000 Contr: (RiN)
6320.0	S11	Mode: AM Date/time: Tue 23-12-2008, 0717 UTC Remarks: 374 374 374 374 374 508 6 55271 46484 50252 17685 04779 21826 5 Contr: (DXman)
6370	E10	Mode: AM Date/time: 30-12-2008, 1433 UTC Remarks: YHF msg grp 78 [HRWNR] //5820 Khz Contr: (SW2)
6379	M22	Mode: CW Date/time: 17-12-2008, 2010 UTC Remarks: 4XZ: Israel Navy (Haifa) Contr: (PY1VHF)
6379	M22	Mode: CW Date/time: 20-12-2008, 1552 UTC Remarks: 4XZ. Israeli Navy Haifa. Contr: (EB)
6379	M22	Mode: CW Date/time: 24-12-2008, 1607 UTC Remarks: 4XZ 5LGs Contr: (EB)
6380.0	M22	Mode: CW Date/time: Sat 20-12-2008, 0621 UTC Remarks: 4xz 4xz = Contr: (DXman)
6420	S06	Mode: AM Date/time: Wed 24-12-2008, 1240 UTC Remarks: 967 Contr: (HFD)
6445	XSL	Mode: FSK Date/time: 27-12-2008, 1310 UTC Remarks: Slot machine Contr: (TI)
6498	E10	Mode: AM Date/time: 30-12-2008, 1602 UTC Remarks: PCD2 //4270 Khz Contr: (SW2)
6575	E10	Mode: AM Date/time: 14-12-2008, 1933 UTC Remarks: HNCZ Contr: (EB)
6768.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 0400 UTC Remarks: 5-fig cut numbers 62441 15701 15801 Contr: (Westli)
6768.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 0700 UTC Remarks: 67531 63421 73862 Contr: (BS3)
6768.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0400 UTC Remarks: 11071 88782 23771 Contr: (BS3)
6783	M12	Mode: CW Date/time: 5-12-2008, 0820 UTC Remarks: 283 283 283 000 Contr: (RiN)
6785.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 1900 UTC

		Remarks: 62771 45771 46332 Contr: (BS3)
6786.0	SK01	Mode: AM Date/time: Sun 28-12-2008, 0629 UTC Remarks: File 23156765.txt sent in RDFT mode every 5 minutes - S9+15db Contr: (AgBr)
6786.0	V02a	Mode: AM Date/time: Sun 7-12-2008, 0700 UTC Remarks: SSYL atencion: 38051 04102 33072 audio seemed to drop out several times while Contr: (Westli)
6786.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 0700 UTC Remarks: SSYL atencion: 23641 58231 30562 Contr: (Westli)
6786.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 0700 UTC Remarks: SSYL atencion: 67531 63421 73862 Contr: (Westli)
6786.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0700 UTC Remarks: 77672 56661 58761 - S9+20db Contr: (AgBr)
6786.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0700 UTC Remarks: SSYL atencion: 77672 56661 58761 Contr: (Westli)
6786.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0800 UTC Remarks: 3 minutes of V02a transmission (53412 20572 25412) - S9+15 Contr: (AgBr)
6823.5	M21	Mode: CW Date/time: 2-12-2008, UTC Remarks: PV0. ID "9" =99?1128?9????? Contr: (FN)
6826.0	SK01	Mode: AM Date/time: Sun 28-12-2008, 0600 UTC Remarks: File 23156765.txt sent in RDFT mode every 5 minutes - S9+10db Contr: (AgBr)
6829	M01a	Mode: CW Date/time: 17-12-2008, 1045 UTC Remarks: 372 372 372 65341 65341 65341 333 65209 65209 111 000 Contr: (FN)
6840	E10	Mode: AM Date/time: 13-12-2008, 1702 UTC Remarks: EZI2 Contr: (SW2)
6840	E10	Mode: AM Date/time: 13-12-2008, 1802 UTC Remarks: EZI2 Contr: (SW2)
6840	E10	Mode: AM Date/time: 13-12-2008, 1903 UTC Remarks: EZI msg grp 30 [YJVVYB] //9130 kHz Contr: (SW2)
6840	E10	Mode: AM Date/time: 13-12-2008, 2002 UTC Remarks: EZI2 //7690 kHz Contr: (SW2)
6840	E10	Mode: AM Date/time: 13-12-2008, 2032 UTC Remarks: EZI2 Contr: (SW2)
6840	E10	Mode: AM Date/time: 23-12-2008, 1808 UTC Remarks: EZI 5LGs msg; heavily jammed Contr: (PPA)
6840	E10	Mode: AM Date/time: 29-12-2008, 1801 UTC Remarks: EZI1 Contr: (PPA)
6840	E10	Mode: AM Date/time: 30-12-2008, 1502 UTC Remarks: EZI2 //7690 Khz Contr: (SW2)
6840	E10	Mode: AM Date/time: 30-12-2008, 1601 UTC Remarks: EZI2 //7690 Khz Contr: (SW2)

6840	M89	Mode: CW Date/time: 10-12-2008, 1520 UTC Remarks: vvv Q2M Q2M Q2M de NYZ NYZ NYZ Contr: (FN)
6840.0	E10	Mode: USB Date/time: Sat 20-12-2008, 2330 UTC Remarks: EZI 2 Contr: (BS3)
6840.0	E10	Mode: USB Date/time: Sun 21-12-2008, 0118 UTC Remarks: EZI 2 Contr: (BS3)
6854.0	M08a	Mode: MCW Date/time: Wed 17-12-2008, 2200 UTC Remarks: 55751 53212 77662 Contr: (BS3)
6854.0	M08a	Mode: MCW Date/time: Thu 18-12-2008, 2200 UTC Remarks: 23232 25721 18512 Contr: (BS3)
6854.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 2200 UTC Remarks: 61051 86322 78022 Contr: (BS3)
6855.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 2200 UTC Remarks: 74001 47611 56721 Contr: (BS3)
6855.0	M08a	Mode: LSB Date/time: Sun 28-12-2008, 2100 UTC Remarks: Contr: (SZ)
6855.0	V02a	Mode: AM Date/time: Mon 8-12-2008, 0300 UTC Remarks: SSYL atencion: 20371 76682 21202 Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Sat 13-12-2008, 2100 UTC Remarks: SSYL atencion: 65122 31801 24641 very weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 2100 UTC Remarks: 5F/SS/YL [Atencion 15701 47652 06182 x10. Message. Final x3] Contr: (PW)
6855.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 2100 UTC Remarks: SSYL atencion: 28742 21261 62472 weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Wed 17-12-2008, 2100 UTC Remarks: 53281 16872 45152 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 2100 UTC Remarks: 24881 38352 43032 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 2100 UTC Remarks: SSYL atencion: 24881 38352 43032 very weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 2100 UTC Remarks: 06681 52652 31652 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 2100 UTC Remarks: 14452 24151 52332 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 2100 UTC Remarks: SSYL atencion: 6777. 44422 78632 weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 0300 UTC Remarks: 11071 88782 23771 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 2100 UTC Remarks: 50751 66171 87631 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 2100 UTC

		Remarks: 52761 44351 07361 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 2100 UTC Remarks: sending TFC Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 2100 UTC Remarks: 10632 63471 05711 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 2100 UTC Remarks: SSSL atencion: 10632 63471 05711 weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 2100 UTC Remarks: 16202 80271 12352 Contr: (BS3)
6855.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 2100 UTC Remarks: SSSL atencion: 73361 25502 21582 Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 0300 UTC Remarks: SSSL atencion: 07571 64151 41382 Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 2100 UTC Remarks: SSSL atencion: 47182 41161 40282 very weak Contr: (Westli)
6855.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 2100 UTC Remarks: 10701 61141 86342 Contr: (BS3)
6867.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 1600 UTC Remarks: 12241 58751 35462 Contr: (BS3)
6867.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 1600 UTC Remarks: 21782 44522 18841 Contr: (BS3)
6873.5	M42	Mode: CROWD36 Date/time: 1-12-2008, 1702 UTC Remarks: DOSC. Traffic. "RNCTLHPOGMV DCWOX" Contr: (BCI)
6879	MX	Mode: CW Date/time: 26-12-2008, 2040 UTC Remarks: Beacon "V" Contr: (AB)
6880	S06	Mode: AM Date/time: Wed 3-12-2008, 0820 UTC Remarks: 471 Contr: (HFD)
6883	X06	Mode: AM Date/time: 11-12-2008, 0050 UTC Remarks: Mazielka Contr: (ALF)
6892	E07	Mode: AM Date/time: Mon 1-12-2008, 2100 UTC Remarks: 887:1-615/37=43286 Contr: (HFD)
6892	E07	Mode: AM Date/time: 10-12-2008, 2100 UTC Remarks: 887 1 267 37 5FGs 000 000 Contr: (MUK)
6892	E07	Mode: AM Date/time: 24-12-2008, 2100 UTC Remarks: 887 000 Contr: (RiN)
6904	M12	Mode: CW Date/time: 1-12-2008, 2040 UTC Remarks: 257 1 3694 53 Contr: (FN)
6922.5	M51	Mode: CW Date/time: 11-12-2008, 2128 UTC Remarks: "NR 4_ D 1122:28:12 1986 BT APKFL JNRXX ... NLPOX Q_FQM =" Contr: (MPJ)
6922.5	M51	Mode: CW Date/time: 11-12-2008, 2128 UTC Remarks: French Military Morse training Contr: (MPJ)
6933.0	M08a	Mode: MCW Date/time: Wed 17-12-2008, 2100 UTC

		Remarks: 57221 58801 26611 Contr: (BS3)
6982	E07	Mode: AM Date/time: Wed 3-12-2008, 1800 UTC
		Remarks: 989:0, weak mod. Contr: (HFD)
6986	E10	Mode: AM Date/time: 30-12-2008, 1431 UTC
		Remarks: ART2 //5435 Khz Contr: (SW2)
7038.7	MX	Mode: CW Date/time: 22-12-2008, 1245 UTC
		Remarks: Beacon "D" Contr: (EB)
7038.7	MX	Mode: CW Date/time: 26-12-2008, 1612 UTC
		Remarks: Beacon "D" Contr: (AB)
7038.7	MX	Mode: CW Date/time: 26-12-2008, 2023 UTC
		Remarks: Beacon "D" Contr: (EB)
7038.7	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC
		Remarks: Beacon "D" Contr: (AB)
7038.7	MX	Mode: CW Date/time: 29-12-2008, 2220 UTC
		Remarks: Beacon "D" Contr: (AB)
7038.7	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC
		Remarks: Beacon "D" Contr: (AB)
7038.9	MX	Mode: CW Date/time: 22-12-2008, 1245 UTC
		Remarks: Beacon "S" Contr: (EB)
7038.9	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC
		Remarks: Beacon "S" Contr: (AB)
7039	MX	Mode: CW Date/time: 22-12-2008, 1245 UTC
		Remarks: Beacon "C" Contr: (EB)
7039	MX	Mode: CW Date/time: 26-12-2008, 1647 UTC
		Remarks: Beacon "C" Contr: (TI)
7039	MX	Mode: CW Date/time: 29-12-2008, 2220 UTC
		Remarks: Beacon "C" Contr: (AB)
7039	MX	Mode: CW Date/time: 29-12-2008, 2222 UTC
		Remarks: Beacon "C" Contr: (AB)
7039.1	MX	Mode: CW Date/time: 30-8-2008, 1606 UTC
		Remarks: Beacon "A" Contr: (EB)
7039.1	MX	Mode: CW Date/time: 26-12-2008, 1612 UTC
		Remarks: Beacon "A" Contr: (AB/ML)
7039.1	MX	Mode: CW Date/time: 26-12-2008, 1647 UTC
		Remarks: Beacon "A" Contr: (TI)
7039.1	MX	Mode: CW Date/time: 26-12-2008, 1741 UTC
		Remarks: Beacon A: Astrakhan Contr: (ML)
7039.1	MX	Mode: CW Date/time: 26-12-2008, 1920 UTC
		Remarks: Beacon A: Astrakhan Contr: (CK)
7039.1	MX	Mode: CW Date/time: 26-12-2008, 2023 UTC
		Remarks: Beacon "A" Contr: (EB)
7039.1	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC
		Remarks: Beacon "A" Contr: (AB)
7039.1	MX	Mode: CW Date/time: 27-12-2008, 1316 UTC
		Remarks: Beacon "A" Contr: (TI)
7039.3	MX	Mode: CW Date/time: 26-12-2008, 1647 UTC
		Remarks: Beacon "K" Contr: (TI)
7039.3	MX	Mode: CW Date/time: 27-12-2008, 1316 UTC

		Remarks: Beacon "K" Contr: (TI)
7317	E11	Mode: USB Date/time: 22-12-2008, 0915 UTC Remarks: 284/00 Contr: (FN)
7317	E11	Mode: USB Date/time: 24-12-2008, 0915 UTC Remarks: 284/00 Contr: (RiN)
7317	E11	Mode: USB Date/time: Mon 29-12-2008, 0915 UTC Remarks: 284/00 Contr: (HFD)
7335	S06	Mode: AM Date/time: Wed 3-12-2008, 0830 UTC Remarks: 745 Contr: (HFD)
7364	XPA	Mode: USB Date/time: 16-12-2008, 1920 UTC Remarks: Contr: (THY)
7364	XPA	Mode: AM Date/time: 23-12-2008, 1920 UTC Remarks: Contr: (THY)
7436	M12	Mode: CW Date/time: 2-12-2008, 1950 UTC Remarks: 148 000 Contr: (FN)
7439.0	E11a	Mode: USB Date/time: Fri 12-12-2008, 1233 UTC Remarks: Audio clip http://dxswl.narod.ru/records/2008/number_station/20081212123701.ogg Contr: (DXman)
7449.0	E11b	Mode: USB Date/time: Tue 9-12-2008, 1030 UTC Remarks: YL with message for "312/75", very weak signal, CW QRM. Contr: (PoRus)
7480.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2200 UTC Remarks: 5-fig cut numbers 08471 02052 42701 Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Sun 7-12-2008, 2200 UTC Remarks: 5-fig cut numbers weak with fades Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Mon 8-12-2008, 2200 UTC Remarks: 5-fig cut numbers 06282 06362 weak, IDs doubtful Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2200 UTC Remarks: 08471 02052 42701 Contr: (BS3)
7481.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 2200 UTC Remarks: 36361 73012 82712 Contr: (BS3)
7481.0	M08a	Mode: CW Date/time: Sat 20-12-2008, 2200 UTC Remarks: 5-fig cut numbers 36361 73012 8.712 weak Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Sun 21-12-2008, 2200 UTC Remarks: 5-fig cut numbers 61662 32071 46742 weak Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2200 UTC Remarks: 5-fig cut numbers 12345 67890 only 2 IDs passed... repeatedly Contr: (Westli)
7481.0	M08a	Mode: MCW Date/time: Mon 22-12-2008, 2200 UTC Remarks: 12345 67890 over and over then into traffic Contr: (BS3)
7481.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 2200 UTC

		Remarks: 06842 72611 40571 Contr: (BS3)
7481.0	M08a	Mode: CW Date/time: Sat 27-12-2008, 2200 UTC Remarks: 5-fig cut numbers 57041 2183. 0301 weak, IDs doubtful Contr: (Westli)
7481.0	M08a	Mode: CW Date/time: Sun 28-12-2008, 2200 UTC Remarks: 5-fig cut numbers 59501 65831 88771 Contr: (Westli)
7483	M12	Mode: CW Date/time: 5-12-2008, 0800 UTC Remarks: 283 283 283 000 Contr: (RiN)
7518.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 2200 UTC Remarks: 06842 72611 40571 Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Mon 8-12-2008, 2200 UTC Remarks: SSSL atencion: 87572 60702 88652 Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Fri 12-12-2008, 2200 UTC Remarks: 5-fig cut numbers very weak Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Tue 16-12-2008, 2200 UTC Remarks: 5-fig cut numbers 86171 25031 06061 Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 2200 UTC Remarks: 5-fig cut numbers 55751 77622 53212 weak Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 2200 UTC Remarks: 55751 53212 77662 Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2200 UTC Remarks: 06462 11131 88882 Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2200 UTC Remarks: 5-fig cut numbers 08471 02052 42701 Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2200 UTC Remarks: 5-fig cut numbers 12345 67890 only 2 IDs passed... repeatedly Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2200 UTC Remarks: 12345 67890 over and over then into traffic Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 2200 UTC Remarks: 5-fig cut numbers 05552 48071 74331 Contr: (Westli)
7519.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 2200 UTC Remarks: 74331 05552 48071 Contr: (BS3)
7519.0	M08a	Mode: CW Date/time: Mon 29-12-2008, 2200 UTC Remarks: 5-fig cut numbers 18162 54842 00860 weak Contr: (Westli)
7519.0	M08a	Mode: MCW Date/time: Wed 31-12-2008, 2200 UTC Remarks: 5-fig cut numbers 67711 05182 20701 very weak Contr: (Westli)
7526.0	M08a	Mode: CW Date/time: Tue 9-12-2008, 2200 UTC Remarks: 5-fig cut numbers 42212 14102 12501 weak

and fast Contr: (Westli)

7526.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 2200 UTC Remarks: 01102 50462 54181 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 2000 UTC Remarks: 46661 64881 27631 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 2000 UTC Remarks: 62771 45771 46332 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2000 UTC Remarks: 01152 14472 55112 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2000 UTC Remarks: 56041 57542 55021 Contr: (BS3)
7554.0	M08a	Mode: CW Date/time: Tue 30-12-2008, 2000 UTC Remarks: 52662 36682 52881 Contr: (BS3)
7555.4	M08a	Mode: CW Date/time: Tue 23-12-2008, 2000 UTC Remarks: in TFC / Freq should have been 7554khz Contr: (BS3)
7585.0	M51	Mode: CW Date/time: Wed 24-12-2008, 0758 UTC Remarks: BT NR 03 D 24 08:44:26 1986 BT TRXM D LUGN KITFG QOIJU IMOEP BT Contr: (DXman)
7598,5	M89	Mode: CW Date/time: 20-12-2008, 1500 UTC Remarks: v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7599	M89	Mode: CW Date/time: 9-12-2008, 1940 UTC Remarks: v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7602	M89	Mode: CW Date/time: 25-12-2008, 2011 UTC Remarks: v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7604	M89	Mode: CW Date/time: 17-12-2008, 1455 UTC Remarks: v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7635	E17	Mode: USB Date/time: 8-12-2008, 0940 UTC Remarks: 274 871 30 5FGs 871 30 00000 Contr: (RiN)
7649	XPA	Mode: RUS 20FSK 10Bd, USB Date/time: 16-4-2009, 0840 UTC Remarks: 257 1 04731 ----- QRM 109 groups Contr: (FN)
7663	M03	Mode: CW Date/time: 17-12-2008, 1330 UTC Remarks: 276/34 52999 27464 .. Contr: (FN)
7663	M03	Mode: CW Date/time: 24-12-2008, 1330 UTC Remarks: 276/34 = 52999 27464 49036 etc Contr: (RiN)
7749.0	E11	Mode: USB Date/time: Fri 26-12-2008, 1030 UTC Remarks: 312/00 Contr: (Jon-FL)
7798	S11b	Mode: USB Date/time: 10-12-2008, 0915 UTC Remarks: 223 77 5FGs Contr: (MUK)
7798.0	S11b	Mode: ssb Date/time: Tue 23-12-2008, 0920 UTC Contr: (DXman)
7820	X06	Mode: AM Date/time: 13-12-2008, 1603 UTC Remarks: Mazielka Contr: (LDO)

7840	S06	Mode: AM Date/time: Wed 3-12-2008, 0832 UTC Remarks: 471 Contr: (HFD)
7887.0	V02a	Mode: AM Date/time: Fri 5-12-2008, 2000 UTC Remarks: SSYL atencion: 08241 very weak Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Sat 13-12-2008, 2000 UTC Remarks: SSYL atencion: 65122 31801 24641 Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 2000 UTC Remarks: 5F/SS/YL [Atencion 15701 47652 06182 x10. Message. Final x3] Contr: (PW)
7887.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 2000 UTC Remarks: SSYL atencion: 28742 21261 62472 weak Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Wed 17-12-2008, 2000 UTC Remarks: 53281 16872 45152 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 2000 UTC Remarks: 24881 38352 43032 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 2000 UTC Remarks: SSYL atencion: 06681 52652 31652 Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 2000 UTC Remarks: 06681 52652 31652 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 2000 UTC Remarks: 14452 24151 52332 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 2000 UTC Remarks: SSYL atencion: 14452 24752 52338 weak Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 2000 UTC Remarks: 50751 66171 87632 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 2000 UTC Remarks: no Msg ID String / into TFC Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 2000 UTC Remarks: 41322 26742 07331 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 2000 UTC Remarks: SSYL atencion: 41322 26542 07331 Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 2000 UTC Remarks: 10632 63471 05711 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 2000 UTC Remarks: 16202 80271 12352 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 2000 UTC Remarks: SSYL atencion: 73361 25502 21582 Contr: (Westli)
7887.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 2000 UTC Remarks: 10701 61141 86342 Contr: (BS3)
7887.0	V02a	Mode: AM Date/time: Wed 31-12-2008, 2000 UTC Remarks: SSYL atencion: 67441 02341 08522 very

		weak Contr: (Westli)
7918.0	E10	Mode: AM Date/time: Sat 20-12-2008, 0632 UTC Remarks: YHF2 Contr: (DXman)
7931	M12	Mode: CW Date/time: 1-12-2008, 2020 UTC Remarks: 257 1 3694 53 Contr: (FN)
7967	E07	Mode: USB Date/time: 15-12-2008, 1030 UTC Remarks: 479 3 236 44 36868 ...4751 35 48474..... 6819 28 18822 ... Contr: (FN)
7974.0	M08a	Mode: CW Date/time: Sun 7-12-2008, 2100 UTC Remarks: 5-fig cut numbers fades in after preamble, weak Contr: (Westli)
7974.0	M08a	Mode: CW Date/time: Mon 15-12-2008, 2100 UTC Remarks: 5-fig cut numbers missed preamble Contr: (Westli)
7974.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2100 UTC Remarks: 5-fig cut numbers 81672 06452 25331 Contr: (Westli)
7974.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2100 UTC Remarks: 06452 25331 81672 Contr: (BS3)
7974.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 2100 UTC Remarks: 17272 76162 50812 Contr: (BS3)
7974.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 2100 UTC Remarks: into TFC late Contr: (BS3)
7974.0	M08a	Mode: CW Date/time: Sun 28-12-2008, 2100 UTC Remarks: 5-fig cut numbers preamble unreadable Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Thu 4-12-2008, 2200 UTC Remarks: 5-fig cut numbers 66822 74542 56712 very weak Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Mon 8-12-2008, 2300 UTC Remarks: 5-fig cut numbers 84682 88211 14162 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 10-12-2008, 2300 UTC Remarks: 5-fig cut numbers 60362 32671 58402 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Mon 15-12-2008, 2300 UTC Remarks: 5-fig cut numbers 88432 03522 13041 fast Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 2300 UTC Remarks: 5-fig cut numbers 55751 77622 53212 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 2300 UTC Remarks: 55751 53212 77662 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 2200 UTC Remarks: 5-fig cut numbers 48161 26161 71611 fast sending Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 2200 UTC Remarks: 48161 26161 71611 Contr: (BS3)

8009.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2300 UTC Remarks: 70832 73882 07502 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 2300 UTC Remarks: 5-fig cut numbers 70832 73882 07502 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 2300 UTC Remarks: 5-fig cut numbers 05552 48071 74331 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 2300 UTC Remarks: 74331 05552 48071 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 2200 UTC Remarks: 61822 58404 32242 Contr: (BS3)
8009.0	M08a	Mode: CW Date/time: Mon 29-12-2008, 2300 UTC Remarks: 5-fig cut numbers 18162 54842 00860 Contr: (Westli)
8009.0	M08a	Mode: CW Date/time: Wed 31-12-2008, 2300 UTC Remarks: 5-fig cut numbers 67711 05182 20701 Contr: (Westli)
8011	M51	Mode: CW Date/time: 20-12-2008, 1403 UTC Remarks: = NR 43 D 18 15:05:30 1986 = Contr: (KK2)
8026.5	M42	Mode: CROWD36 Date/time: 1-12-2008, 1730 UTC Remarks: DOSC. Traffic. "RNCTLHPOGMV DCWOX" Contr: (BCI)
8096.0	M08a	Mode: CW Date/time: Mon 8-12-2008, 1400 UTC Remarks: 5-fig cut numbers 26602 70781 70342 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Wed 10-12-2008, 1300 UTC Remarks: 5-fig cut numbers 91411 23262 68861 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Wed 10-12-2008, 1400 UTC Remarks: 5-fig cut numbers 91411 23262 68861 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Fri 12-12-2008, 1300 UTC Remarks: 5-fig cut numbers 86412 45101 61551 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Fri 12-12-2008, 1400 UTC Remarks: 5-fig cut numbers 86412 45101 61551 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Mon 15-12-2008, 1400 UTC Remarks: 5-fig cut numbers 02432 57221 46772 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 1300 UTC Remarks: 5-fig cut numbers 77642 58431 08851 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 1400 UTC Remarks: 5-fig cut numbers 37341 46072 61711 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Wed 17-12-2008, 1400 UTC

		Remarks: 37341 46072 61711 Contr: (BS3)
8096.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1300 UTC Remarks: 5-fig cut numbers 24412 25632 42411 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 1300 UTC Remarks: 42411 24412 25632 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 1400 UTC Remarks: 42411 24412 25632 Contr: (BS3)
8096.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1400 UTC Remarks: 5-fig cut numbers 24412 25632 42411 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Sun 21-12-2008, 1800 UTC Remarks: 82062 06471 07802 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 1300 UTC Remarks: 61381 45152 62262 Contr: (BS3)
8096.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 1400 UTC Remarks: 5-fig cut numbers 41532 87672 81751 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Mon 22-12-2008, 1400 UTC Remarks: 81751 41532 87672 Contr: (BS3)
8096.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 1300 UTC Remarks: 5-fig cut numbers up late. No preamble Contr: (Westli)
8096.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 1400 UTC Remarks: 5-fig cut numbers 86861 87542 38652 Contr: (Westli)
8096.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 1400 UTC Remarks: 5-fig cut numbers 72071 31841 08221 Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Sat 13-12-2008, 1800 UTC Remarks: 5-fig cut numbers 58311 07472 02111 Contr: (Westli)
8097.0	M08a	Mode: CW Date/time: Sat 13-12-2008, 1900 UTC Remarks: 5-fig cut numbers 58311 07472 02111 Contr: (Westli)
8097.0	M08a	Mode: CW Date/time: Sun 14-12-2008, 1800 UTC Remarks: 5 ltr groups. 2 callsigns: tnran aunda, but 3 msgs end in AR AR AR. tx ends tttk Contr: (PW)
8097.0	M08a	Mode: CW Date/time: Sun 14-12-2008, 1900 UTC Remarks: 5 ltr groups. 2 callsigns: tnran aunda, but 3 msgs end in AR AR AR. tx ends tttk Contr: (PW)
8097.0	M08a	Mode: MCW Date/time: Tue 16-12-2008, 1800 UTC Remarks: 5-fig cut numbers 07411 03551 65872 weak Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Tue 16-12-2008, 1900 UTC Remarks: 5-fig cut numbers 07411 03551 65872 weak Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Wed 17-12-2008, 1900 UTC

		Remarks: 26081 68091 85321 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 18-12-2008, 1800 UTC
		Remarks: 29211 32632 24732 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 18-12-2008, 1900 UTC
		Remarks: 29211 32632 24732 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1800 UTC
		Remarks: 50842 60362 37641 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1900 UTC
		Remarks: 5-fig cut numbers 50846 60362 37641 Contr:
		(Westli)
8097.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1900 UTC
		Remarks: 50842 60362 37641 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 1800 UTC
		Remarks: 58541 80552 61341 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 1800 UTC
		Remarks: 5-fig cut numbers 61341 58541 80552 Contr:
		(Westli)
8097.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 1900 UTC
		Remarks: 58541 80552 61341 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sat 20-12-2008, 1900 UTC
		Remarks: 5-fig cut numbers 61341 58541 80552 weak
		Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Sun 21-12-2008, 1800 UTC
		Remarks: 5-fig cut numbers 82062 06471 07802 Contr:
		(Westli)
8097.0	M08a	Mode: MCW Date/time: Sun 21-12-2008, 1900 UTC
		Remarks: 5-fig cut numbers 82062 06471 07802 Contr:
		(Westli)
8097.0	M08a	Mode: MCW Date/time: Mon 22-12-2008, 1900 UTC
		Remarks: 46582 40432 77852 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 1800 UTC
		Remarks: 64031 42732 28852 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Tue 23-12-2008, 1900 UTC
		Remarks: 64031 42732 28852 Contr: (BS3)
8097.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 1300 UTC
		Remarks: 86861 87552 38652 Contr: (BS3)
8097.0	M08a	Mode: CW Date/time: Wed 24-12-2008, 1400 UTC
		Remarks: 86861 87552 38652 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 1800 UTC
		Remarks: 41862 21612 14331 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 1900 UTC
		Remarks: 41862 21612 14331 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 25-12-2008, 1800 UTC
		Remarks: 06851 71372 42682 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Thu 25-12-2008, 1800 UTC
		Remarks: 5-fig cut numbers 50562 71372 42682 Contr:
		(Westli)
8097.0	M08a	Mode: MCW Date/time: Thu 25-12-2008, 1900 UTC

		Remarks: 06851 71372 42682 Contr: (BS3)
8097.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 1300 UTC Remarks: 72072 31841 08221 Contr: (BS3)
8097.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 1400 UTC Remarks: 72071 31841 08221 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 1800 UTC Remarks: 63572 40102 83111 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 1900 UTC Remarks: 63572 40102 83111 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Sat 27-12-2008, 1900 UTC Remarks: 5-fig cut numbers 82242 38201 60071 Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Sun 28-12-2008, 1900 UTC Remarks: 5-fig cut numbers 90571 18431 03032 Contr: (Westli)
8097.0	M08a	Mode: CW Date/time: Mon 29-12-2008, 1300 UTC Remarks: 5-fig cut numbers 35541 weak Contr: (Westli)
8097.0	M08a	Mode: CW Date/time: Mon 29-12-2008, 1400 UTC Remarks: 5-fig cut numbers 35541 01782 08061 Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 1800 UTC Remarks: 5-fig cut numbers 01581 77152 07762 Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 1900 UTC Remarks: 5-fig cut numbers 01581 77152 07762 Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Tue 30-12-2008, 1800 UTC Remarks: 37452 18002 36001 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Tue 30-12-2008, 1900 UTC Remarks: 37452 18002 36001 Contr: (BS3)
8097.0	M08a	Mode: MCW Date/time: Wed 31-12-2008, 1800 UTC Remarks: 5-fig cut numbers 01831 39681 45601 very weak Contr: (Westli)
8097.0	M08a	Mode: MCW Date/time: Wed 31-12-2008, 1900 UTC Remarks: 5-fig cut numbers 01831 39681 45601 very weak Contr: (Westli)
8105	X06	Mode: AM Date/time: 19-12-2008, 0334 UTC Remarks: Mazielka. Sequence: 314265 Contr: (Dave)
8110	M42	Mode: Baudot 200.33Bd/500Hz Date/time: 7-12-2008, 1250 UTC Remarks: Russian Intelligence. Broadcasting multi figure message Contr: (LD0)
8135.0	M08a	Mode: CW Date/time: Thu 4-12-2008, 2300 UTC Remarks: 5-fig cut numbers 66822 74542 56712 fast but clear Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Fri 5-12-2008, 2300 UTC Remarks: 5-fig cut numbers 86201 71861 81732 fast Contr: (Westli)

8135.0	M08a	Mode: CW Date/time: Thu 11-12-2008, 2300 UTC Remarks: 5-fig cut numbers 71622 28872 03702 fast Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Fri 12-12-2008, 2300 UTC Remarks: 5-fig cut numbers very weak until after preamble Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Tue 16-12-2008, 2300 UTC Remarks: 5-fig cut numbers 65311 45002 35542 weak and fast Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 2300 UTC Remarks: 48161 26161 71611 Contr: (BS3)
8135.0	M08a	Mode: CW Date/time: Thu 18-12-2008, 2300 UTC Remarks: 5-fig cut numbers 48161 26161 71611 fast sending Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2300 UTC Remarks: 06462 11131 88882 Contr: (BS3)
8135.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 2300 UTC Remarks: 5-fig cut numbers 06462 11131 88882 Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 2300 UTC Remarks: 61822 58402 32242 Contr: (BS3)
8135.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 2300 UTC Remarks: 5-fig cut numbers 61822 58402 32242 Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 2300 UTC Remarks: 5-fig cut numbers 80281 42421 57732 Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Fri 26-12-2008, 2300 UTC Remarks: 80281 42421 57732 Contr: (BS3)
8135.0	M08a	Mode: CW Date/time: Tue 30-12-2008, 2300 UTC Remarks: 5-fig cut numbers 77721 51882 76281 Contr: (Westli)
8135.0	M08a	Mode: CW Date/time: Tue 30-12-2008, 2300 UTC Remarks: 77721 51882 76281 Contr: (BS3)
8136	M12	Mode: CW Date/time: 2-12-2008, 1930 UTC Remarks: 148 000 Contr: (FN)
8147	XPA	Mode: AM Date/time: Tue 16-12-2008, 0700 UTC Remarks: msg Contr: (HFD)
8164	XPA	Mode: USB Date/time: 16-12-2008, 1900 UTC Remarks: 138 1 00772 00259 12839 etc, last group 33105 Contr: (THY)
8164	XPA	Mode: AM Date/time: 23-12-2008, 1900 UTC Remarks: Contr: (THY)
8180	E17	Mode: USB Date/time: 4-12-2008, 1108 UTC Remarks: 274 986 50 5FGs 986 50 00000 Contr: (MG)
8186.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0810 UTC Remarks: 15 minutes of V02a transmission (53412 20572 25412) started in 6786 and 5883 - Contr: (AgBr)

8375.0	V22	Mode: AM Date/time: Fri 12-12-2008, 0004 UTC Remarks: Calling as: All listening stations in the country" three times, then "This is B Contr: (BV)
8375.0	V22	Mode: AM Date/time: Sat 13-12-2008, 0004 UTC Remarks: Calling as: All listening stations in the country" three times, then "This is Be Contr: (BV)
8494.7	MX	Mode: CW Date/time: 17-12-2008, 1733 UTC Remarks: Beacon "D" Contr: (WP3)
8494.7	MX	Mode: CW Date/time: 23-12-2008, 1905 UTC Remarks: Beacon "D" Contr: (EB)
8494.7	MX	Mode: CW Date/time: 26-12-2008, 1612 UTC Remarks: Beacon "D" Contr: (AB)
8494.7	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "D" Contr: (AB)
8494.9	MX	Mode: CW Date/time: 18-12-2008, 1150 UTC Remarks: Beacon "S" Contr: (EB)
8494.9	MX	Mode: CW Date/time: 20-12-2008, 1052 UTC Remarks: Beacon "S" Contr: (EB)
8494.9	MX	Mode: CW Date/time: 23-12-2008, 1200 UTC Remarks: Beacon "S" Contr: (EB)
8494.9	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "S" Contr: (AB)
8495	MX	Mode: CW Date/time: 17-12-2008, 1733 UTC Remarks: Beacon "C" Contr: (WP3)
8495	MX	Mode: CW Date/time: 18-12-2008, 1150 UTC Remarks: Beacon "C" Contr: (EB)
8495	MX	Mode: CW Date/time: 23-12-2008, 1200 UTC Remarks: Beacon "C" Contr: (EB)
8495	MX	Mode: CW Date/time: 23-12-2008, 1905 UTC Remarks: Beacon "C" Contr: (EB)
8495.1	MX	Mode: CW Date/time: 23-12-2008, 1905 UTC Remarks: Beacon "A" Contr: (EB)
9040.0	V02a	Mode: AM Date/time: Wed 31-12-2008, 0900 UTC Remarks: SSSL atencion: 72151 56322 04601 Contr: (Westli)
9060	E11	Mode: USB Date/time: Mon 1-12-2008, 0815 UTC Remarks: 551/33=77777 77777 63673 Contr: (HFD)
9060	E11	Mode: USB Date/time: 22-12-2008, 0815 UTC Remarks: 552/00 Contr: (FN)
9063.0	M08a	Mode: MCW Date/time: Fri 5-12-2008, 0800 UTC Remarks: 5-fig cut numbers 70772 13371 03482 Contr: (Westli)
9063.0	M08a	Mode: MCW Date/time: Fri 12-12-2008, 0800 UTC Remarks: 5-fig cut numbers 77682 02752 14851 Contr: (Westli)
9063.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 0800 UTC Remarks: 5-fig cut numbers 25622 35551 56371 Contr: (Westli)

9063.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 0800 UTC Remarks: 5-fig cut numbers 67422 82532 11232 Contr: (Westli)
9063.0	V02a	Mode: AM Date/time: Wed 17-12-2008, 0900 UTC Remarks: SSYL atencion: 31361 07312 12421 Contr: (Westli)
9063.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 0700 UTC Remarks: 72122 00062 07012 Contr: (BS3)
9112.0	M08a	Mode: MCW Date/time: Sun 7-12-2008, 1000 UTC Remarks: 5-fig cut numbers 75512 24682 14151 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Mon 8-12-2008, 1000 UTC Remarks: 5-fig cut numbers 70602 0..21 22672 weak and fading Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Fri 12-12-2008, 1000 UTC Remarks: 5-fig cut numbers 10162 37261 36861 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Sun 14-12-2008, 1000 UTC Remarks: 5-fig cut numbers 17361 13592 44611 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Mon 15-12-2008, 1000 UTC Remarks: 5-fig cut numbers 27332 07511 06152 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 1000 UTC Remarks: 5-fig cut numbers 84552 27561 30481 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Sun 21-12-2008, 1000 UTC Remarks: 5-fig cut numbers 53652 67151 61772 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Mon 22-12-2008, 1000 UTC Remarks: 5-fig cut numbers empty carrier then BT and msg start Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 1000 UTC Remarks: 5-fig cut numbers 45401 12191 43272 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Sun 28-12-2008, 1000 UTC Remarks: 5-fig cut numbers 81681 36181 17211 Contr: (Westli)
9112.0	M08a	Mode: MCW Date/time: Mon 29-12-2008, 1000 UTC Remarks: 5-fig cut numbers 58372 34151 02181 Contr: (Westli)
9121	E07	Mode: USB Date/time: 15-12-2008, 1020 UTC Remarks: 479 3 236 44 36868 ...4751 35 48474..... 6819 28 18822 ... Contr: (FN)
9121	E07	Mode: AM Date/time: 16-12-2008, 1010 UTC Remarks: 479 1 4897 29 66656 29179 04190 etc Contr: (RiN)
9130	E10	Mode: AM Date/time: 11-12-2008, 1733 UTC

		Remarks: repeated - no tfc Contr: (EB)
9130	E10	Mode: AM Date/time: 14-12-2008, 1919 UTC Remarks: in 5l tfc -QRN 4 Contr: (EB)
9130	E10	Mode: AM Date/time: 19-12-2008, 1731 UTC Remarks: EZI2 Contr: (EB)
9130	E10	Mode: AM Date/time: 24-12-2008, 1651 UTC Remarks: EZI2 repeated - no tfc Contr: (EB)
9130.0	E10	Mode: AM Date/time: Wed 24-12-2008, 0718 UTC Remarks: Jamming. Contr: (DXman)
9138	M42	Mode: AM/16-tone MFSK 10Bd Date/time: 30-11-2008, 0840 UTC Remarks: Russian Intelligence. Auto broadcasting 5FG msg to recipient "111" Contr: (LD0)
9141	M51	Mode: CW Date/time: 20-12-2008, 1849 UTC Remarks: = nr 79 d 18 18:49:42 1986 = Contr: (PPA)
9153.0	M08a	Mode: MCW Date/time: Fri 12-12-2008, 0700 UTC Remarks: 5-fig cut numbers 77682 02752 14851 Contr: (Westli)
9153.0	M08a	Mode: MCW Date/time: Wed 17-12-2008, 0700 UTC Remarks: 5-fig cut numbers starts with English intro to news (cut off) then into msg Contr: (Westli)
9153.0	M08a	Mode: MCW Date/time: Fri 19-12-2008, 0700 UTC Remarks: 5-fig cut numbers 25622 35551 56371 Contr: (Westli)
9153.0	M08a	Mode: MCW Date/time: Wed 24-12-2008, 0700 UTC Remarks: 5-fig cut numbers 84451 50801 377.1 Contr: (Westli)
9153.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 0700 UTC Remarks: 5-fig cut numbers 67422 82532 11232 Contr: (Westli)
9176	M12	Mode: CW Date/time: 1-12-2008, 2000 UTC Remarks: 257 1 3694 53 Contr: (FN)
9202	E10	Mode: AM Date/time: 13-12-2008, 1833 UTC Remarks: YHF msg grp 37 [KSKFA] Contr: (SW2)
9202	E10	Mode: AM Date/time: 19-12-2008, 1831 UTC Remarks: USB YHF into 5l tfc Contr: (EB)
9202.0	E10	Mode: AM Date/time: Thu 25-12-2008, 1217 UTC Remarks: Contr: (DXman)
9236	X06	Mode: AM Date/time: 5-12-2008, 1530 UTC Remarks: sequence 1 5 6 2 3 4 Contr: (FN)
9240.0	V02a	Mode: AM Date/time: Sat 6-12-2008, 1000 UTC Remarks: SSSL atencion: 58221 77882 37071 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Wed 10-12-2008, 1000 UTC Remarks: SSSL atencion: 32741 16171 85342 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Sat 13-12-2008, 1000 UTC Remarks: SSSL atencion: 03261 77412 54711 Contr: (Westli)

9240.0	V02a	Mode: AM Date/time: Wed 17-12-2008, 1000 UTC Remarks: SSYL atencion: 31361 07312 12421 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 1000 UTC Remarks: SSYL atencion: 47331 01421 47622 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1000 UTC Remarks: 14501 18701 23062 Contr: (BS3)
9240.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1000 UTC Remarks: SSYL atencion: 14501 18701 23062 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Sat 27-12-2008, 1000 UTC Remarks: SSYL atencion: 70711 14821 50052 Contr: (Westli)
9240.0	V02a	Mode: AM Date/time: Wed 31-12-2008, 1000 UTC Remarks: SSYL atencion: 72151 56322 04601 Contr: (Westli)
9271	M12	Mode: CW Date/time: 16-12-2008, 1720 UTC Remarks: 128 000 Contr: (RiN)
9339	E11	Mode: USB Date/time: 24-12-2008, 1100 UTC Remarks: 186/00 Contr: (RiN)
9371	E06	Mode: AM Date/time: 2-12-2008, 0930 UTC Remarks: 352 764 80 85898 30455 06835 36844 etc Contr: (RiN)
9372	XPA	Mode: RUS 20FSK Date/time: 9-12-2008, 1350 UTC Remarks: 1 message, not decoded Contr: (FN)
9443	G11	Mode: USB Date/time: Fri 19-12-2008, 1100 UTC Remarks: 508/00 Contr: (HFD)
9450	E25	Mode: USB Date/time: 2-12-2008, 1200 UTC Remarks: 275 1021 3051 6821 5568 1677 0873 6301 0129 5620 1624 0123 0714 7381 2658 6821 Eom Eot Contr: (RiN)
9450	E25	Mode: AM Date/time: 20-12-2008, 1245 UTC Remarks: 785 30 788 22 24 25 28 29 31 (rpt) no intro no ending Contr: (RiN)
9450.0	X06	Mode: AM Date/time: 0900 16-12 Remarks: Mazielka. Contr: (THY)
9610	S11A	Mode: USB Date/time: Wed 3-12-2008, 0900 UTC Remarks: 215/00 Contr: (HFD)
9610	S11a	Mode: USB Date/time: 24-12-2008, 0900 UTC Remarks: 214/00 Contr: (RiN)
9820	E17z	Mode: USB Date/time: 4-12-2008, 0810 UTC Remarks: 674 813 5 53595 75305 69052 84994 24755 813 5 00000 (All groups repeated) Contr: (RiN)
9960	S11a	Mode: USB Date/time: 18-12-2008, 1030 UTC Remarks: 214/00 Contr: (FN)
10125.0	M08a	Mode: CW Date/time: Sat 6-12-2008, 0300 UTC Remarks: 5-fig cut numbers 67721 40262 52161 Contr:

		(Westli)
10125.0	M08a	Mode: CW Date/time: Tue 9-12-2008, 0300 UTC Remarks: 5-fig cut numbers 1031. 87571 30882 weak Contr: (Westli)
10125.0	M08a	Mode: CW Date/time: Tue 16-12-2008, 0300 UTC Remarks: 5-fig cut numbers 04502 66771 58011 Contr: (Westli)
10125.0	M08a	Mode: CW Date/time: Fri 19-12-2008, 0300 UTC Remarks: 5-fig cut numbers 56422 38662 32051 Contr: (Westli)
10125.0	M08a	Mode: CW Date/time: Tue 23-12-2008, 0300 UTC Remarks: 87421 68111 72101 Contr: (BS3)
10125.0	M08a	Mode: CW Date/time: Sat 27-12-2008, 0300 UTC Remarks: 5-fig cut numbers 02181 05462 81811 Contr: (Westli)
10147	XPA	Mode: AM Date/time: Tue 16-12-2008, 0720 UTC Remarks: msg Contr: (HFD)
10172	M42	Mode: Baudot 200.33Bd/500Hz Date/time: 7-12-2008, 1240 UTC Remarks: Russian Intelligence. Broadcasting multi figure message Contr: (LDO)
10182	V13	Mode: AM Date/time: 16-12-2008, 0801 UTC Remarks: in progress Contr: (TI)
10200	E11	Mode: USB Date/time: 22-12-2008, 0845 UTC Remarks: 252/00 Contr: (FN)
10200	E11	Mode: USB Date/time: 24-12-2008, 0845 UTC Remarks: 252/00 Contr: (FN)
10200	E11	Mode: USB Date/time: 24-12-2008, 0845 UTC Remarks: 252/00 Contr: (RiN)
10200	E11	Mode: USB Date/time: Wed 31-12-2008, 0845 UTC Remarks: 252/00, new fq! Contr: (HFD)
10200	E11b	Mode: USB Date/time: 10-12-2008, 0859 UTC Remarks: in progress Contr: (MUK)
10210	S11A	Mode: USB Date/time: Mon 1-12-2008, 0900 UTC Remarks: 976/00 Contr: (HFD)
10210	S11a	Mode: USB Date/time: 22-12-2008, 0900 UTC Remarks: 976/00 Contr: (FN)
10210	S11A	Mode: USB Date/time: Mon 29-12-2008, 0900 UTC Remarks: 976/00 Contr: (HFD)
10283	X06	Mode: AM Date/time: 2-12-2008, 1106 UTC Remarks: Mazielka. Sequence: 213546 Contr: (RiN)
10423	???	Mode: CW Date/time: 11-12-2008, 1148 UTC Remarks: cut numbers and 5 letter groups. Ends with 964 964 137 137 TTTTTT Contr: (EW)
10432.0	M08a	Mode: MCW Date/time: Fri 5-12-2008, 0900 UTC Remarks: 5-fig cut numbers 42651 14002 38612 Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Mon 8-12-2008, 0900 UTC Remarks: 5-fig cut numbers 72886 weak and fading

		Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Sun 14-12-2008, 0900 UTC Remarks: 5-fig cut numbers 17361 13592 44611 weak with QRN Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Mon 15-12-2008, 0900 UTC Remarks: 5-fig cut numbers 27332 07511 06152 weak Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Sun 21-12-2008, 0900 UTC Remarks: 5-fig cut numbers 53652 67151 61772 Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Mon 22-12-2008, 0900 UTC Remarks: 5-fig cut numbers 05821 71842 12181 2nd id questionable Contr: (Westli)
10432.0	M08a	Mode: MCW Date/time: Fri 26-12-2008, 0900 UTC Remarks: 5-fig cut numbers 45401 12191 43272 Contr: (Westli)
10432.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0900 UTC Remarks: SSYL unreadable or not present until after preamble Contr: (Westli)
10432.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 0903 UTC Remarks: Continuation of transmission (53412 20572 25412) started in 5898 - S8 Contr: (AgBr)
10445.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 0300 UTC Remarks: 28881 01151 27201 Contr: (BS3)
10446.0	M08a	Mode: CW Date/time: Thu 25-12-2008, 0300 UTC Remarks: 5-fig cut numbers 28881 01151 27201 Contr: (Westli)
10465.0	E17z	Mode: AM Date/time: Thu 11-12-2008, 1010 UTC Remarks: for "895" - short messge, very strong signal - 9+20 db. Contr: (PoRus)
10643	M89	Mode: CW Date/time: 28-12-2008, 1011 UTC Remarks: V QPZM QPZM QPZM DE WOXN WOXN Contr: (Sferix)
10648.0	E10	Mode: AM Date/time: Thu 25-12-2008, 1216 UTC Remarks: Contr: (DXman)
10871.7	MX	Mode: CW Date/time: 20-11-2008, 1133 UTC Remarks: Beacon "D" Contr: (EB)
10871.7	MX	Mode: CW Date/time: 6-12-2008, 1334 UTC Remarks: Beacon "D" Contr: (EB)
10871.7	MX	Mode: CW Date/time: 13-12-2008, 0656 UTC Remarks: Beacon "D" Contr: (WP3)
10871.7	MX	Mode: CW Date/time: 18-12-2008, 1041 UTC Remarks: Beacon "D" Contr: (EB)
10871.7	MX	Mode: CW Date/time: 26-12-2008, 1133 UTC Remarks: Beacon "D" Contr: (EB)
10871.7	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "D" Contr: (AB)
10871.7	MX	Mode: CW Date/time: 28-12-2008, 0940 UTC

10871.8	MX	Remarks: Beacon D: Sevastopol Contr: (CK) Mode: CW Date/time: 14-12-2008, 1426 UTC Remarks: Beacon "P" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 20-11-2008, 1133 UTC Remarks: Beacon "S" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 17-12-2008, 1222 UTC Remarks: Beacon "S" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 18-12-2008, 1041 UTC Remarks: Beacon "S" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 20-12-2008, 1105 UTC Remarks: Beacon "S" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 26-12-2008, 1133 UTC Remarks: Beacon "S" Contr: (EB)
10871.9	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "S" Contr: (AB)
10871.9	MX	Mode: CW Date/time: 28-12-2008, 0940 UTC Remarks: Beacon S: Severomorsk Contr: (CK)
10872.0	MX	Mode: CW Date/time: 28-12-2008, 0940 UTC Remarks: Beacon C: Moscow Contr: (CK)
10872.1	MX	Mode: CW Date/time: 28-12-2008, 0940 UTC Remarks: Beacon A: Astrakhan Contr: (CK)
11073	E06	Mode: AM Date/time: 2-12-2008, 0830 UTC Remarks: 352 764 80 85898 30455 06835 36844 etc Contr: (RiN)
11104	E11b	Mode: USB Date/time: 2-12-2008, 1115 UTC Remarks: 196/37 77777 77777 31104 Contr: (FN)
11135	S06c	Mode: AM Date/time: 19-12-2008, 1100 UTC Remarks: 11060 R4 Contr: (FN)
11170	E17z	Mode: USB Date/time: 4-12-2008, 0800 UTC Remarks: 674 813 5 53595 75305 69052 84994 24755 813 5 00000 (All groups repeated) Contr: (RiN)
11411	X06	Mode: AM Date/time: 6-12-2008, 1004 UTC Remarks: Mazielka. Sequence: 164532 Contr: (Dan)
11411	X06	Mode: AM Date/time: 13-12-2008, 1154 UTC Remarks: Mazielka. Sequence: 164532 Contr: (PUK)
11438	X06	Mode: AM Date/time: 2-12-2008, 1059 UTC Remarks: Mazielka. Sequence: 213546 Contr: (RiN)
11524.5	M42	Mode: CROWD-36 Date/time: 26-12-2008, 1448 UTC Remarks: DOSC Moscow crypto traffic Contr: (PPA)
11565.0	M08a	Mode: CW Date/time: Sat 6-12-2008, 0400 UTC Remarks: 5-fig cut numbers fades in after preamble Contr: (Westli)
11830	S06	Mode: AM Date/time: Wed 3-12-2008, 0843 UTC Remarks: 745 Contr: (HFD)
12082	M12	Mode: CW Date/time: 5-12-2008, 1320 UTC Remarks: 503 000 (13582 at 1300z?) Contr: (FN)
12147	M42	Mode: AM/16-tone MFSK 10Bd Date/time: 19-12-2008, 0742 UTC Remarks: Russian Intelligence. Auto broadcasting 5FG

		msg to recipient "111" Contr: (LD0)
12147	XPA	Mode: AM Date/time: Tue 16-12-2008, 0740 UTC Remarks: msg Contr: (HFD)
12153	E11	Mode: USB Date/time: Mon 1-12-2008, 0845 UTC Remarks: 256/3#, CW QRM Contr: (HFD)
12168	X06	Mode: AM Date/time: 2-12-2008, 1053 UTC Remarks: Mazielka. Sequence: 213546 Contr: (RiN)
12180.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 1900 UTC Remarks: SSSL atencion: 15442 76552 78052 weak blkd by carriers at :10 and :15 after th Contr: (Westli)
12219	M12	Mode: CW Date/time: 22-12-2008, 0848 UTC Remarks: in progress on at 0848 and finished at 0850 Contr: (RiN)
12224	X06	Mode: AM Date/time: 31-12-2008, 1404 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 31-12-2008, 1404 UTC Remarks: Mazielka. Sequence: 463125 Contr: (PUK)
12397	M03	Mode: CW Date/time: 19-12-2008, 1245 UTC Remarks: 822/31 == 34851 93677 Contr: (FN)
13380.0	V02a	Mode: AM Date/time: Thu 11-12-2008, 2000 UTC Remarks: SSSL up late, no preamble Contr: (Westli)
13380.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 2000 UTC Remarks: _____ 13311 _____ Contr: (BS3)
13380.0	V02a	Mode: AM Date/time: Tue 23-12-2008, 2000 UTC Remarks: Carrier was up but no TFC Contr: (BS3)
13380.0	V02a	Mode: LSB Date/time: Thu 25-12-2008, 2000 UTC Remarks: 41361 45322 03342 Contr: (BS3)
13395	S06c	Mode: AM Date/time: 19-12-2008, 1050 UTC Remarks: 11060 R4 Contr: (FN)
13401	X06	Mode: AM Date/time: 2-12-2008, 0926 UTC Remarks: Mazielka. Sequence: 154263 Contr: (RiN)
13420	X06	Mode: AM Date/time: 23-12-2008, 0900 UTC Remarks: Mazielka. Sequence: 534216 Contr: (Dan)
13420	X06	Mode: AM Date/time: 23-12-2008, 0903 UTC Remarks: Mazielka. Sequence: 534216 Contr: (PUK)
13517	X06	Mode: AM Date/time: 13-12-2008, 1017 UTC Remarks: Mazielka Contr: (LD0)
13521	M42	Mode: Baudot 200.33Bd/500Hz Date/time: 7-12-2008, 1230 UTC Remarks: Russian Intelligence. Broadcasting multi figure message Contr: (LD0)
13527.7	MX	Mode: CW Date/time: 14-12-2008, 0125 UTC Remarks: Beacon "D" Contr: (WP3)
13527.7	MX	Mode: CW Date/time: 20-12-2008, 1137 UTC Remarks: Beacon "D" Contr: (PPA)
13527.7	MX	Mode: CW Date/time: 27-12-2008, 1020 UTC Remarks: Beacon "D" Contr: (AB)
13528	MX	Mode: CW Date/time: 14-12-2008, 1025 UTC Remarks: Beacon "C" Contr: (WP3)

13528	MX	Mode: CW Date/time: 18-12-2008, 1138 UTC Remarks: Beacon "C" Contr: (EB)
13528	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "C" Contr: (AB)
13750	V13	Mode: AM Date/time: 16-12-2008, 0500 UTC Remarks: in progress Contr: (TI)
13750	V13	Mode: AM Date/time: 24-12-2008, 0515 UTC Remarks: New Star Contr: (TI)
13955	M24	Mode: CW Date/time: 2-12-2008, 1130 UTC Remarks: 058 714 83 = 26952 etc Contr: (RiN)
14501	X06	Mode: AM Date/time: 3-12-2008, 1000 UTC Remarks: Mazielka. Sequence: 214356 Contr: (JS3)
14869	M12	Mode: CW Date/time: 21-12-2008, 0950 UTC Remarks: 582 582 582 1 => 376 143 376 143 => 5F msg 30 wpm short 0 ends TTT TTT Contr: (PPA)
14869	M12	Mode: CW Date/time: 21-12-2008, 0950 UTC Remarks: 582 582 582 1 376 143 376 143 5FGs msg 30 wpm ending 000 000 Contr: (PPA)
14871	X06	Mode: AM Date/time: 13-12-2008, 1137 UTC Remarks: Mazielka. Sequence: 156234 Contr: (PUK)
14871	X06	Mode: AM Date/time: 31-12-2008, 1054 UTC Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
15332	MX	Mode: CW Date/time: 18-12-2008, 1127 UTC Remarks: Beacon "C" Contr: (EB)
16025	X06	Mode: AM Date/time: 30-12-2008, 0951 UTC Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
16025	X06	Mode: AM Date/time: 30-12-2008, 0951 UTC Remarks: Mazielka. Sequence: 156234 Contr: (Dan)
16150.5	M42	Mode: CROWD36 Date/time: 10-12-2008, 0844 UTC Remarks: DOSC. Traffic Contr: (BCI)
16166.5	M42	Mode: CROWD36 Date/time: 9-12-2008, 0837 UTC Remarks: DOSC. Traffic "11177 30044 51339 816") Contr: (BCI)
16178.0	V02a	Mode: AM Date/time: Thu 11-12-2008, 1600 UTC Remarks: SSSL Heard just before an SK01 1615z schedule Contr: (Westli)
16318	M24	Mode: CW Date/time: 2-12-2008, 1100 UTC Remarks: 058 714 83 = 26952 etc Contr: (RiN)
16331.9	MX	Mode: CW Date/time: 24-12-2008, 1131 UTC Remarks: Beacon "S" Contr: (EB)
16331.9	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "S" Contr: (AB)
16332	MX	Mode: CW Date/time: 7-12-2008, 1155 UTC Remarks: Beacon "C" Contr: (EB)
16332	MX	Mode: CW Date/time: 24-12-2008, 1131 UTC Remarks: Beacon "C" Contr: (EB)
16332	MX	Mode: CW Date/time: 27-12-2008, 1055 UTC Remarks: Beacon "C" Contr: (AB)

16375	E11b	Mode: USB Date/time: 12-12-2008, 0925 UTC Remarks: in progress Contr: (EW)
16989.8	MX	Mode: CW Date/time: 17-12-2008, 1318 UTC Remarks: Beacon "S". Strange freq for this beacon! Contr: (WP3)
17435.0	M08a	Mode: CW Date/time: Wed 10-12-2008, 1700 UTC Remarks: 5-fig cut numbers 53221 10242 55861 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Thu 4-12-2008, 1700 UTC Remarks: SSYL atencion: 76761 00701 08342 very weak Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Sat 6-12-2008, 1700 UTC Remarks: SSYL atencion: 28111 72352 45842 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 1700 UTC Remarks: SSYL atencion: 00822 63552 50442 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 1700 UTC Remarks: 5F/SS/YL [Atencion 00822 63552 50442 x10. Message. Final x3] Contr: (PW)
17435.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 1700 UTC Remarks: SSYL atencion: 54721 31012 56311 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 1700 UTC Remarks: SSYL atencion: 74201 43322 77551 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 1700 UTC Remarks: 74201 43322 77551 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 1700 UTC Remarks: 37271 42341 14121 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 1700 UTC Remarks: 74142 12431 73711 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1700 UTC Remarks: S7 Contr: (AgBr)
17435.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1700 UTC Remarks: 80172 63641 74272 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1700 UTC Remarks: 32041 55072 58601 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 1700 UTC Remarks: 04481 40051 08802 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 1700 UTC Remarks: Contr: (AgBr)
17435.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 1700 UTC Remarks: 22841 04151 24431 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Sat 27-12-2008, 1700 UTC Remarks: SSYL atencion: 46832 15252 22641 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 1700 UTC

		Remarks: SSYL atencion: 56101 08131 16171 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 1700 UTC Remarks: SSYL atencion: 86881 26601 61351 Contr: (Westli)
17435.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 1700 UTC Remarks: 86881 26601 61351 Contr: (BS3)
17435.0	V02a	Mode: AM Date/time: Wed 31-12-2008, 1700 UTC Remarks: SSYL atencion: 19921 22712 77361 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Sun 7-12-2008, 1700 UTC Remarks: SSYL atencion: 74112 05581 10211 weak Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Mon 8-12-2008, 1700 UTC Remarks: SSYL atencion: 87572 60702 88652 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Fri 12-12-2008, 1700 UTC Remarks: SSYL atencion: 53891 02642 60411 note slight differences between this preamble Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 1700 UTC Remarks: SSYL atencion: 37271 42341 14121 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1700 UTC Remarks: SSYL atencion: 80172 63641 74272 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 1700 UTC Remarks: SSYL atencion: 54831 72012 12321 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Mon 22-12-2008, 1700 UTC Remarks: 54831 72012 12321 Contr: (BS3)
17436.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 1600 UTC Remarks: SSYL atencion: 228.1 04151 24431 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 1700 UTC Remarks: SSYL atencion: 22841 04151 24431 Contr: (Westli)
17436.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 1700 UTC Remarks: SSYL atencion: 01242 72831 71481 Contr: (Westli)
17466.5	M42	Mode: CROWD36 Date/time: 9-12-2008, 0840 UTC Remarks: DOSC. Traffic Contr: (BCI)
17515.0	V02a	Mode: AM Date/time: Sun 7-12-2008, 1600 UTC Remarks: SSYL atencion: 74112 05581 10211 very weak Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Mon 8-12-2008, 1600 UTC Remarks: SSYL atencion: 87572 60702 88652 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Tue 9-12-2008, 1600 UTC

		Remarks: SSYL atencion: 45371 30472 84011 weak Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Thu 11-12-2008, 1600 UTC Remarks: SSYL atencion: 53561 70141 75462 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Fri 12-12-2008, 1600 UTC Remarks: SSYL atencion: 53891 54161 70461 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Sat 13-12-2008, 1600 UTC Remarks: SSYL atencion: 17322 76211 55042 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 1600 UTC Remarks: 5F/SS/YL [Atencion 00822 63552 50442 x10. Message. Final x3] Contr: (PW)
17515.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 1600 UTC Remarks: SSYL atencion: 00822 63552 50442 BC radio drifts in and out Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Sun 14-12-2008, 1610 UTC Remarks: In progress when found.Good signal on brand new Grundig mini 300. Contr: (GILL)
17515.0	V02a	Mode: AM Date/time: Mon 15-12-2008, 1600 UTC Remarks: SSYL atencion: 34771 25442 03862 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Tue 16-12-2008, 1600 UTC Remarks: SSYL atencion: 54721 31012 56311 weak Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Thu 18-12-2008, 1600 UTC Remarks: in TFC very weak here Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 1600 UTC Remarks: 37271 42341 14121 Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Fri 19-12-2008, 1600 UTC Remarks: SSYL atencion: 37271 42341 14121 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Sat 20-12-2008, 1600 UTC Remarks: 74142 12431 73711 Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1600 UTC Remarks: S8 Contr: (AgBr)
17515.0	V02a	Mode: AM Date/time: Sun 21-12-2008, 1600 UTC Remarks: SSYL weak, preamble not heard Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1600 UTC Remarks: 32041 55072 58601 Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1600 UTC Remarks: SSYL atencion: 32041 55072 58601 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Wed 24-12-2008, 1700 UTC Remarks: SSYL atencion: 32041 55072 58601 Contr: (Westli)

17515.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 1600 UTC Remarks: 04481 40051 08802 Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Thu 25-12-2008, 1600 UTC Remarks: 04481 40051 08802 Contr: (AgBr)
17515.0	V02a	Mode: AM Date/time: Fri 26-12-2008, 1600 UTC Remarks: in TFC / too weak here Contr: (BS3)
17515.0	V02a	Mode: AM Date/time: Sat 27-12-2008, 1600 UTC Remarks: SSYL atencion: 46832 15252 22641 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Sun 28-12-2008, 1600 UTC Remarks: SSYL atencion: 56101 08131 16171 Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Mon 29-12-2008, 1600 UTC Remarks: SSYL atencion: 01242 72831 71481 very weak Contr: (Westli)
17515.0	V02a	Mode: AM Date/time: Tue 30-12-2008, 1600 UTC Remarks: in TFC / too weak here Contr: (BS3)
18864	E03a	Mode: USB Date/time: 4-12-2008, 1236 UTC Remarks: Cherry Ripe Contr: (MG)
18864	E03a	Mode: USB Date/time: 4-12-2008, 1316 UTC Remarks: Cherry Ripe Contr: (MG)
18864.0	E03a	Mode: USB Date/time: Fri 12-12-2008, 0010 UTC Remarks: Cherry Ripe Contr: (TI)
20048	MX	Mode: CW Date/time: 24-12-2008, 1137 UTC Remarks: Beacon "C" Contr: (EB)
20474	E03a	Mode: USB Date/time: 5-12-2008, 1004 UTC Remarks: Cherry Ripe Contr: (MG)

★ CONTRIBUTORS ★

aa1ll	aa1ll
AB	Ary Boender, Netherlands
AgBr	Agressor, Brazil
ALF	Alf, Germany
BCI	Bruno Casula, Italy
BS3	Barry Sandefer, TN, USA
BV	Brandon Vlasak, Minnesota, USA
CK	Costas, Southern Europe
Dan	Daniel
Dxman	Dxman, Russia
EB	Eddie Bellerby, UK
EC	Ed Caron, MA, USA
EW	Eddy Waters, Australia
FN	Fritz Nusser, Switzerland
GILL	Goonior, ILL, USA

HFD	Hans-Friedrich Dumrese,
Jon-FL	Jon, FL, USA
JS3	Jochen Schaefer, Germany
KK2	Kristian K, Central Europe
LDO	Leif Dehio, Germany
MF	Mike Ford, UK
MG	Manolis, Greece
ML	ML
ML4	Michel Lacroix, France
MPJ	Jim, SW England
MUK	Mikesndbs, UK
OC	Old Crow, UK
PoRus	Poacher, Russia
PPA	Peter Poelstra, Netherlands
PW	Peter Williams, DC, USA
RiN	Richard Ness, UK
Sferix	Sferix, Taiwan
SW2	Sam Wright, UK
SZ	Steve Z, OH, USA
THY	Thyredrecht, Netherlands
TI	Tomonori Izumi, Japan
Westli	Westli, CA, USA
WP3	Wolfgang Palmberger

* N&O INDEX 2008 *

	Article	Edition

General	Intelligence Profile: The Netherlands	125
	List of active numbers stations	134
	New books about the CIA and STASI	131
	News item about Russia/Cuba	131
	Numbers radio show	128
	Logs section	125
	Logs Section	126
	Logs Section	127
	Logs Section	128
	Logs Section	129
	Logs Section	130
	Logs Section	131
	Logs Section	132
	Logs Section	133
	Logs Section	134
	Logs Section	135

Voice stations	E03 idents	125
	E03 idents	126
	E03 Lincolnshire Poacher off the air	130
	E03a	135
	E03a Cherry Ripe	130
	E03a	132
	E03a new location	133
	E03a schedules	131
	E06 message	128
	E06 message	134
	E06 messages	127
	E06 messages	129
	E07 message	128
	E07 message	133
	E07 messages	127
	E07 messages	135
	E10	131
	E10	135
	E10 "HNC"	129
	E10 "HNC"	134
	E10 message	128
	E10 messages	127
	E10 transcripts	126
	E11 message	127
	E17 message	135
	E27 variant	125
	G06 message	130
	S06 message	133
	S06 standard message followed by live traffic	129
	S11 message	127
	S11a message	135
	S11b message	134
	Unid German numbers station. Message "9 8 5 6878"	129
	V13	126
	V13	127
	V13	131
	V13	134
	V13	135
	V21	125
	V22	127
	V24	127
	V24	131
	V24	135

Morse stations	M01b	134
----------------	------	-----

M03	127
M08a changed schedules	129
M08a harmonic frequency	130
M08a new frequency	128
M18	125
M18	126
M18	128
M18	134
M21	125
M21	126
M21	127
M21	128
M21	129
M21	130
M21	132
M21	133
M21	134
M21	135
M22	132
M22	135
M23 schedules + messages	130
M24	129
M40 message	129
M41	125
M41	132
M41	135
M41 messages	129
M41 messages	134
M45 message	129
M51 / FAV22	125
M51 / FAV22	126
M51 / FAV22 frequencies	127
M51 / FAV22 frequencies	128
M89	125
M89	126
M89	127
M89	129
M89	130
M89	131
M89	133
M89	134
M89	135
M89 message	132
MX	125
MX	126
MX	129
MX	130
MX	131

MX	132
MX + messages	128
MX spurious freqs + problems	127
MX. "C" on 18.1 kHz. "D" on 11000 kHz	134
MX. "C", "S" and "V" on new frequencies.	133
MX. Beacon "A" activated. Defective "P"	135

Various modes	M42	126
	M42	127
	M42	129
	M42	130
	M42	131
	M42	133
	M42	134
	M42	135
	M42 large message	125
	M42 logs + messages	128
	M42 logs + messages	132
	S28	126
	S28	130
	S28	131
	S28	132
	S28	133
	S28	134
	S28	135
	S30	126
	S30	130
	S30	131
	S30	132
	S30	133
	S30	134
	S30	135
	S32	131
	S32	132
	S32	133
	S32	135
	S32 in slow motion	134
	S32 Squeaky Wheel is back	130
	SK01	125
	SK01	126
	SK01	127
	SK01	130
	SK01	131
	SK01 logs + messages	128
	SK01 messages + schedules	129
	X06	125

X06	126
X06	127
X06	128
X06	129
X06	131
X06	132
X06	133
X06	134
X06	135
X06 new Enigma designators	130
XPA	135
XSL	125
XSL	133
XSL frequencies	132

Utility Round-up	5 unid African nets	133
	Clandestine Radio Survey	135
	Driftnet beacons	127
	French pirate with numbers message	131
	Jammers	125
	Pirate beacons	125
	Pirate beacons	126
	Pirate beacons	127
	Pirate beacons	128
	Pirate beacons	133
	Pirate beacons	134
	Satellite pirates	126
	Satellites: GONETS	131
	Unid "AA" station	125
	Unid "AA" station	127
	Unid "AA" station	134
	Unid 01001120112011201120112	125
	Unid 1810 kHz	134
	Unid 77777 station	135
	Unid 4624.3kHz. c/s 51	132
	Unid 5115 and 5715 kHz	135
	Unid 5751 kHz. c/s DYFS. RTTY station	131
	Unid 6821 kHz. Nonstop "=00000058082120000000"	132
	Unid 6986 kHz. 2FG message	132
	Unid 7373 kHz	131
	Unid 77777 station	134
	Unid 77777 station	135
	Unid 8GAL	125
	Unid 8GAL	126
	Unid African net on 7048 kHz	132
	Unid channel marker on 9040.9 kHz	132
	Unid dashes on 13228.6 and 13229.4 kHz	134

Unid NGO net in Sudan on 7045 kHz	132
Unids on 5400 and 8502 kHz	127
WBNY	125

Military stations	Russian, CIS and Ukrainian military	125
	Russian, CIS and Ukrainian military	126
	Russian, CIS and Ukrainian military logs and comments	127
	Russian, CIS and Ukrainian military logs and comments	128
	Russian, CIS and Ukrainian military logs and comments	132
	Russian, CIS and Ukrainian military logs and comments	133
	Russian, CIS and Ukrainian military logs and comments	134
	Russian, CIS and Ukrainian military logs and comments	135
	Russian, CIS and Ukrainian military. Podarok item	131
	Russian, CIS and Ukrainian military. VLF network	129
	Russian, CIS and Ukrainian military. VLF network	130

If you wish to be fully credited with your logs and/or information please let me know, otherwise I will only mention your initials or first name.

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source. This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

Relevant mailing lists:

- Utility DXers Forum (utility and spooks related logs).
Go to <http://groups.yahoo.com/group/udxf/> and follow the instructions.
Website: <http://www.udxf.nl>
- Spooks (spooks related info and logs)
Go to the web interface to subscribe, fill in the form and follow the instructions that will be mailed to you.
<http://mailman.qth.net/mailman/listinfo/spooks>

-0-0-0-0-KONEC-0-0-0-0-